

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: Centre de Sciences Humaines
2, Dr. APJ Abdul Kalam Road
11 0011 Delhi, India
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University Degrees

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

Post-doctoral professional experience

- Sept. 2017 – present **Director**, Centre de Sciences Humaines, Delhi (India).
- Sept. 1st 2007 – Aug. 31st 2017 **Professor**, Aix-Marseille Univ. (France) & director of GREQAM (Jan. 2012-August 31st 2017)
- Sept. 1st 2004 – Aug. 31st 2007 **Researcher**, Centre de Sciences Humaines, Delhi (India)
- Oct. 1st 2002 – Sept.1st 2004 **Professor**, Univ. Aix-Marseille II (France) & researcher GREQAM.
- Sept. 2000-Oct. 2002 **Professor**, Univ. Montpellier III (France) & researcher GREQAM.
- Sept. 1994-Sept. 2000 **Maître de Conférences**, Univ. Cergy-Pontoise (France) & researcher THEMA.
- June 1993 – Dec. 1994 **Assistant professor**, University of Sherbrooke (Canada)
- Oct. 1993 - June 1994 **Research fellow**, Department of Economics, Univ. Catholique de Louvain, Louvain-la-Neuve (Belgium)

Research Activity

a) *Publications in refereed academic journals*

- (1) "Evaluating Education Systems" (with E. Levavasseur and P. Moyes), *Applied Economics*, forthcoming.
- (2) "Is the Preference of the Majority Representative?" (with M. Battacharya), *Mathematical Social Sciences*, forthcoming (available on line: <https://doi.org/10.1016/j.mathsocsci.2021.04.001>)
- (3) "Comparing distributions of body mass index categories" (with F. Bennis, B. Magdalou and P. Moyes), *Scandinavian Journal of Economics*, forthcoming.
- (4) "Reducing Inequalities among Unequals" (with M. Faure), *International Economic Review*, 2021, 62, p. 357-404.
- (5) "Ranking Distributions of an Ordinal Variable" (with B. Magdalou and P. Moyes), *Economic Theory*, 2021, 71, p. 33-80.
- (6) "Contribution to a Public Good under Subjective Uncertainty" (with A. Banerjee), *Journal of Public Economic Theory*, 2020, 22, p. 473-500.
- (7) "Optimal Provision of a Public Good under Costly Exclusion" (with M. Poitevin), *Games and Economic*

- Behavior*, 2019, **117**, p. 451-460.
- (8) "Inequality Measurement with a Continuous and Ordinal Variable" (with B. Magdalou and P. Moyes), *Social Choice and Welfare*, 2019, 52, p. 453-475.
 - (9) "Conditional Expected utility criteria for decision making under ignorance or objective ambiguity" (with T. Marchant and A. Sen), *Journal of Mathematical Economics*, 2018, 78, p. 79-95.
 - (10) "Robust Normative Evaluation of Socially Risky Situations" (with B. Tarrow), *Social Choice and Welfare*, 2015, 44 (2), pp.257-282.
 - (11) "The segregative properties of endogenous jurisdiction formation with a land market" (with R. Oddou), *Journal of Public Economics*, 117, 2014, p. 15-17.
 - (12) "The segregative properties of endogenous formations of jurisdictions with a welfarist central government" (with R. Biswas et R. Oddou), *Social Choice and Welfare*, 41, 2013, p. 293-319.
 - (13) "Utilitarianism or Welfarism: Does it Make a Difference?" (with P. Moyes), *Social Choice in Welfare*, 40, 2013, p. 529-551.
 - (14) "Uniform expected utility criteria for decision making under ignorance or objective ambiguity" (with T. Marchant and A. Sen), *Journal of Mathematical Psychology*, 56, 2012, p. 297-315.
 - (15) "Ethically Robust Comparisons of Bidimensional Distributions with an Ordinal Attribute" (with P. Moyes), *Journal of Economic theory*, 147, 2012, p. 1384-1426.
 - (16) "Freedom-based measurement of living standard" (with B. Tarrow), *Annals of Economics and Statistics*, 101/102, 2011, p. 37-69.
 - (17) "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.
 - (18) "Robust International comparisons of distributions of disposable income and regional public goods" (with P. Moyes and B. Tarrow), *Economica*, 76, 2009, p. 432-461.
 - (19) "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.
 - (20) "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.
 - (21) "Appraising diversity with an ordinal notion of dissimilarity: An axiomatic approach" (with S. Bervoets), *Mathematical Social Sciences*, 53 (2007), p. 259-273.
 - (22) "Does Endogenous formation of jurisdictions lead to wealth stratification?" (with S. Thoron), *Journal of Economic Theory*, 132 (2007), p. 569-583.
 - (23) "The Progressivity of Equalization Payments in Federations" (with M. Poitevin), *Journal of Public Economics*, 90 (2006), p. 1725-1743.
 - (24) "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.
 - (25) "Minima sociaux et offre de travail: une estimation des conséquences d'une réforme à l'aide d'un modèle intertemporel de microsimulation" (with C. Hagneré & N. Picard), *Economie Publique*, 14, 2004, 199-240.
 - (26) "Voluntary Provision of a Public Good and Individual Morality" (with M. Bilodeau), *Journal of Public Economics*, 88, 2004, p. 645-666.
 - (27) "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.
 - (28) "On the Difficulty of Combining Actual and Potential Criteria for an Increase in Social Welfare", *Economic Theory*, 17, 2001, p. 163-180.
 - (29) "Une théorie cognitiviste de la rationalité axiologique" (with E. Picavet), *L'année Sociologique*, 50, 2000, 85-118.
 - (30) "Consistency between Tastes and Values: A universalization Approach" (with J.F. Laslier and A. Trannoy), *Social Choice and Welfare*, 17, 2000, p. 293-320.
 - (31) "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.
 - (32) "A propos de la prétendue spécificité de l'approche classique", *Recherches Economiques de Louvain*, 63, 1995, p. 301-328.
 - (33) "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.
 - (34) "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

- (35) "Comparing societies with different numbers of individuals on the basis of their average advantage" (with A. Sen & T. Marchant) *"Social Ethics and Normative Economics: Essays in honour of Serge-Christophe Kolm"*, ed. by M. Fleurbaey, M. Salles & J. A. Weymark, Springer Verlag, 2011, p. 261-278.
- (36) "Bidimensional inequalities with an ordinal variable" (with P. Moyes) in *"Social Ethics and Normative Economics: Essays in honour of Serge-Christophe Kolm"*, ed. by M. Fleurbaey, M. Salles and J. A. Weymark, Springer Verlag, 2011, p. 101-128.
- (37) "What is Freedom?" *Handbook of Economics and Ethics*, ed. by J. Peil & I. Van Staveren, Edward Edgar Publishing, London, 2009, p. 166-174.
- (38) "What is diversity?" in *Economics, Rational choice and Normative Philosophy*, ed. by T. Boylan & R. Gekker, Routledge, London, 2009, p. 15-55.
- (39) "Une Analyse Economique de la Liberté de Choix" *Leçons de Philosophie Economique* vol. 2 ed. by A. Leroux & P. Livet, Paris, Economica, 2005.
- (40) "Individual Freedom of Choice in a Social Setting" (with J. F. Laslier & A. Trannoy) *Freedom in Economics: New Perspectives in Normative Analysis*, ed. by J.F. Laslier, M. Fleurbaey, N. Gravel & A. Trannoy, London, Routledge, 1997, p.76-92.
- (41) "A comment on Clemens Puppe's 'Individual Freedom and Social Choice'", (with J.-F. Laslier and A. Trannoy) *Freedom in Economics: New Perspectives in Normative Analysis*, Op. Cit.
- (42) "Introduction and Overview", (with M. Fleurbaey, J.-F. Laslier & A. Trannoy) in *Freedom in Economics: New Perspectives in Normative Analysis*, Op. Cit.

c) Book Reviews and other publications

- (43) "Richard Bradley's Decision Theory with a Human Face", *Oeconomia*, 2019, 9, 1, p. 149-160.
- (44) "Rendons à notre recherche son attractivité" *Le Monde*, le 5 novembre 2014.
- (45) "Le programme du FN conduirait à un profond et durable appauvrissement" *Le Monde*, le 11 novembre 2013.
- (46) "Book review of the collective volume "Top Incomes over the 20th Century: a Contrast between Continental European and English-Speaking Countries", edited by A. B. Atkinson and T. Piketty, Oxford University Press, 2007", *Annales, Histoire, Sciences Sociales*, 2012, 67, p. 1179-1181.
- (47) "Review of Mark D. White's "Kantian ethics and economics: autonomy, dignity, and character". Stanford University Press, 2011, 288pp", *Erasmus Journal for Philosophy and Economics*, 5, spring 2012, p. 112-120.
- (48) "A review of "Quantitative Approaches to Multidimensional Poverty Measurement" by Nanak Kakwani and Jacques Silber", *Social Choice and Welfare*, 35, 2010, p. 337-343.
- (49) "L'IPC mesure-t-il bien le coût de la vie ?", *Economie et Statistiques*, 433, 2010, p. 131-135
- (50) "A review of "Intermediate Public Economics" by Jean Hendricks and Gareth D. Myles", *Economie Publique*, no. 17, 2007, p. 231-236.
- (51) "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.
- (52) "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.
- (53) "Editorial", *Economie Publique/Public Economics*, no 11, 2002, p. 5-7.
- (54) "A review of Ethics out of Economics by John Broome", *Social Choice and Welfare*, 18, 2001, P. 485-491.
- (55) "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.
- (56) "L'approche hédonique du marché immobilier" (with M. Martinez and A. Trannoy) *Etudes Foncières*, no 78, mars 1998, p. 14-17.
- (57) "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.
- (58) "Une approche hédonique du marché des logements" (with M. Martinez and A. Trannoy), *Etudes Foncières*, no 74, mars 1997.

d) Yet unpublished Working papers and Mimeographies

- (59) "Choice with Time"(with J. V. Ferreira), AMSE working paper no. 2017-29.
- (60) "Is the distribution of Cardiovascular risks really improving? A Robust analysis for France", (with F.

Bennia), AMSE working paper 2016-19. Mimeo, July 2016

- (61) "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. Pistolesi, B. Tarroux 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) Other research managing and editorial activities

- *Director of the Centre de Sciences Humaines (September 2017-present)*
- *Director of GREQAM (January 2012-September 2017)*
- *Referee for Actualité Economique, Annales d'Economie et de Statistique, American Economic Review, Canadian Journal of Economics, Dialogue, Econometrica,, 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 book publishers such as 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 (Septembre 2007-December 2011).*
- *Scientific Coordinator of the Journées d'Economie Publique Louis-André Gérard-Varet, 2002-2015.*
- *Member of the editorial committee of Economie Publique/Public Economics (since Septembre 2001) and of the Indian Growth and Development Review » (since Septembre 2007)*
- *Co-organizer (with S. Chakravarty) of the international conference « Liberalization experiences in Asia : A normative appraisal », Indian Council for Social Sciences Research, Delhi, January 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.*
- *Member 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? ».*
- *Organizer (with P. Granier) of the conference « Réformer les Minima Sociaux : Un bilan de trois années de réflexion » (Marseille, juin 2001).*

g) Invited participation to conferences and seminars:

i) Conferences (invited paper):

Conference in Honour of Arunava Sen (ISI Delhi, December 2019), Conference in Honour of John A. Weymark (Vanderbilt University, Nashville, USA, April 2019). 2nd economic conference, Ashoka University, (December 2018), Workshop in Public Economics, Delhi School of Economics, (March 2018); 3rd Belgo-Japanese workshop in Public Finance, Université Catholique de Louvain (March 2018) ; 6th Murat Sertel Workshop, Paris (September 2016); « Ethics of social Risk », Ecole des Hautes Etudes Commerciales, University of Montreal, (September 2015); Institutions, Decisions and Governmental Practices: Theory, Simulations and Applications", Barcelona (June 2015); 12^e Canazei winter school on Economic Inequality, Canazei, Italy (January

2015).; *4th Murat Sertel workshop*, Istanbul, Turkey (May 2013); “*Endogeneizing State and local fragmentation*”, Rennes (May 2013).; *workshop « multidimensionnal inequality »*, Wavre, Belgium (May 2012); *Conference in honour of Maurice Salles*, Caen (May 2010); *JET Symposium on Risk and Uncertainty*, Paris (June 2010); *Public Economics Conference*, Université Panthéon Sorbonne, Paris (May 2009); Conference “poverty and inequality”, University of Jammu, Jammu, India (March 2007); Conference IVE-TERI-IDDR on “*Energy, Environment and Developpement*”, Bangalore, India (December 2006); Conference « the multiple dimensions of poverty », Mumbai, India (October 2006); *Lectures French Science Today*: Bangalore, (November 2005), Hyderabad, Chennai and Trivandrum (September 2006), Katmandu (Novembre 2006) and Delhi (December) 2006; Conference *Rational Choice and Normative Philosophy*, Galway, Ireland (August 2005); *Journées des Economistes de la Santé*, Paris, June 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, September 2002; *Bounded Rationality Workshop* (Aix-en-Provence, 18 June 2002); *American Economic Association*, (Boston, USA, January 1994).

ii) Seminars:

Shiv Nadar University (February 2020), *Jawaharlal Nehru University (September 2019)*, *Institute for Economic Growth (October 2019)*, *Ashoka University*, October 2018, *University of Luxembourg*, February 2018; *University of Bath*, October 2017; *Université de Montréal*, November 2016; *University of Glasgow*, February 2016; *University of South Denmark*, November 2015; *Instituto Tecnológico Autónomo de Mexico* November 2015; *University of Sienna*, February 2014; *University of Bari*, February 2014; *Université of Nanterre*, Dec. 2013; *Université of Neuchatel*, Switzerland, October 2013; *University of Exeter*, May 2013; *Centro de Investigacione socioeconomicas, universidad autonoma de Coahuila*, Coahuila, Mexico, Mars 2012; *Katholieke University of Leuven*, March 2011; *Université de Lille 1*, November 2010; *University Warwick*, May 2010; *POLIS, university of Eastearn Piedmont*, Alessandria November 2008; *CRESE, Université Descartes*, Paris, April 2008; *Indian Statistical Institute*, Kolkata, India, November 2005; *INRA-Grenoble*, mars 2004; *Indian Statistical Institute*, Delhi (India), February 2004; *Faculté Universitaire Notre Dame de la Paix*, Namur, Oct. 2003; *Université de Montréal*, December. 2002; *Université Montpellier I*, December. 2001; *University of Bergen*, November. 2001; *University of Osaka*, June 1999; *University of Hitotsubashi*, Tokyo, June 1999; *Indiana University and Purdue University at Indianapolis*, Indianapolis, March 1999; *University of Osnabruck*, August 1997; *Ecole Nationale des Ponts et Chaussées*, Paris, January 1997; *Université de Caen*, March 1996. *Séminaire d'éthique Sociale*, Paris-La Défense, March 1994 ; *Université Cergy Pontoise*, March 1994 ; *Universitat Autonoma de Barcelona*, April 1994 ; *Université Catholique de Louvain*, November 1993 ; *Université de Sherbrooke (Canada)*, April 1993.

Teaching Activities

(a) Courses taught

(i) undergraduate

Microeconomics (1st yea undergraduate, Winter 2013), *Game Theory (2nd year undergraduate, Fall 2012)* *Industrial organization (3rd year undergraduate, Falls 2007-2011)*, *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.

Advanced Microeconomics (Master), Falls 2011-2013, *Cost-Benefit Analysis (Master), Winter 2008-2011*, *Microeconomics (1st year Ph. D), Falls 2007-2012*, *Microeconomics (Master), Fall 2007*, *Game Theory (Master), Falls 2007-2012*, *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 Mediterranenan, 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 (Oct. 2011, Aix-Marseille II) ; Fatiha Bennia (Dec. 2015, Aix-Marseille Univ.) ; João V. Ferreira (Oct. 2017, Aix-Marseille Univ.), Anwasha Banerjee (June 2020, Aix-Marseille Univ.), Edward Levavasseur, October 2020, Aix-Marseille Univ., Ulises Genis-Cuevas, October 2020, Aix-Marseille Univ.

As external examiner:

Sarvesh Bandu (Aug. 2020, Indian Statistical Institute), Kevin Fourrey (Sept. 2019, Univ. Of Caen), Tista Kundu (July 2019, ESSEC), Vincent Lapointe (Oct. 2016, Univ. Fribourg) ; Ivan Colombet, (Nov. 2014, Univ. Paris 1) ; Sebastien S. Gharbi (June 2012, Aix-Marseille Univ.); Amelie Vrijdags (May 2012, Univ. of Ghent) ; Nadia Tamouh (March 2009, Univ. of Caen) ; Brice Magdalou (Dec. 2006, Univ. Montpellier) ; Michael Walker (Dec. 2004, Univ. Toulouse) ; Stéphanie Pignolet-Geslin (Dec., Nov. 2003, Caen) ; Fady Hamadé (Dec. 2002, Montpellier) ; Denis Claude (Dec. 2001, Montpellier)