

CURRICULUM VITAE

ALI CHALAK

(October 12th, 2017)

PERSONAL DATA

Date of birth: July 25th, 1978

Nationality: Lebanese and British

Marital status: Married, three children

Address: American University of Beirut (AUB)
Faculty of Agricultural and Food Sciences
Department of Agriculture, Reynolds Building, Room 122
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Position and Rank: Associate Professor of Applied Economics

EDUCATION

1. Ph.D. Applied Economics, Imperial College London, Wye Campus, University of London, UK, 2008.
2. M.Sc. Tropical Agricultural Development – Option in Crop Protection, University of Reading, UK, 2001.
3. B.Sc. Agriculture and Diploma ‘Ingénieur Agricole’, American University of Beirut, Lebanon, 2000.

PROFESSIONAL EXPERIENCE

1. Associate Professor of Applied Economics: American University of Beirut, Faculty of Agricultural and Food Sciences, Department of Agriculture (2016-Present).
2. Assistant Professor of Applied Economics: American University of Beirut, Faculty of Agricultural and Food Sciences, Department of Agriculture (2009-2016)
3. Consultant: ICS Consulting (2008-2009).
4. Consultant: ICF International (2006-2008).
5. International Consultant: Imperial College Consultants (ICON) and World Bank (2004).
6. Quality Inspector and Agricultural Engineer: TUV-Hellas S.A.L., Lebanon: (2001-2002).

HONORS AND AWARDS

1. Junior Faculty Research Grant, American University of Beirut (2013-2014)
2. Team of the Year (as part of the ICS consulting team that worked with Northern Ireland Water throughout the OneAM contract). Utility Industry Achievement Awards, London, (2009).
3. Applied Economics and Business Management Memorial Fund research grant. Grant value: £500 p.a. (two years in total). Applied Economics & Business Management Section, Imperial College London, UK, (2004 & 2005).
4. PhD scholarship. Scholarship value: £2,700 p.a. (three years in total). Centre for European Agri-Environmental Studies, Imperial College London, UK, (2002 – 2005).

RESEARCH INTERESTS

1. Agrarian political economy
2. Agricultural and food economics
3. Consumer and customer research
4. Transport economics
5. Health Policy
6. Applied choice analysis

PUBLICATIONS

Articles in refereed international journals

1. **Chalak, A.**, Irani, A., Chaaban, J., Bashour, I., Seyfert, K., Smoot, K. & Abebe, G. K. (2017). 'Farmers' willingness to adopt conservation agriculture: New evidence from Lebanon.'

Environmental Management **60**(4): 693-704. doi: <http://dx.doi.org/10.1007/s00267-017-0904-6> (Ali Chalak, Senior author).

2. Abebe, G. K., **Chalak, A.** & Abiad, M. (2017). 'The effect of governance mechanisms on food safety in the supply chain: Evidence from the Lebanese dairy sector.' *Journal of the Science of Food and Agriculture* **97**(9): 2908–2918. doi: <http://dx.doi.org/10.1002/jsfa.8128>.
3. Said, M., Abou-Zeid, M. & **Chalak, A.** (2017). 'Investigating the impact of happiness indicators on the efficiency of choice models: New evidence from Lebanon.' *Journal of Choice Modelling* **22**: 1-12. doi: <http://dx.doi.org/10.1016/j.jocm.2016.11.001>.
4. **Chalak, A.**, Abiad, M. & Balcombe, K. (2016). 'Joint use of attribute importance ranking and non-attendance data within a choice experiment on food safety certification in Lebanon.' *European Review of Agricultural Economics* **43**(5): 737-760. doi: <http://dx.doi.org/10.1093/erae/jbw004>. (Ali Chalak, Corresponding author).
5. Moledor, S., **Chalak, A.**, Fabian, M. & Talhouk, S. (2016). 'Socioeconomic dynamics of vermicomposting systems in Lebanon.' *Journal of Agriculture, Food Systems, and Community Development* **6**(3): 145-168. doi: <http://dx.doi.org/10.5304/jafscd.2016.064.007>.
6. **Chalak, A.**, Al-Naghi, H., Irani, A. & Abou-Zeid, M. (2016). 'Commuters' behavior towards upgraded bus services in Greater Beirut: Implications for greenhouse gas emissions, social welfare and transport policy.' *Transportation Research Part A: Policy and Practice* **88**: 265-285. doi: <http://dx.doi.org/10.1016/j.tra.2016.04.001> (Ali Chalak, Senior author).
7. Ghandour, L., **Chalak, A.**, Al Aily, A., Yassin, N., Nakkash, R., Tauk, M., Heffron, M. & Afifi, R. (2016). 'Alcohol consumption in the Arab region: What do we know, why does it matter, and what are the policy implications for youth harm reduction?' *International Journal of Drug Policy* **28**: 10-33. doi: <http://dx.doi.org/10.1016/j.drugpo.2015.09.013>.
8. **Chalak, A.**, Abou-Daher, C., Chaaban, J. & Abiad, M. (2016). 'The global economic and regulatory determinants of household food waste generation: A cross-country analysis.' *Waste Management* **48**: 418-422. doi: <http://dx.doi.org/10.1016/j.wasman.2015.11.040>. (Ali Chalak, Senior author).
9. Irani, A. & **Chalak, A.** (2015). 'Harnessing motorists' potential demand for hybrid-electric vehicles in Lebanon: Policy options, CO₂ emissions reduction and welfare gains.' *Transport Policy* **42**: 144-155. doi: <http://dx.doi.org/10.1016/j.tranpol.2015.06.001> (Ali Chalak, Corresponding author).
10. Hecht, J., Reid, S. & **Chalak, A.** (2015). 'A marketing analysis of the equitability of water/sewerage service improvements.' *Journal – American Water Works Association* **107**(4): E224-E233. doi: <http://dx.doi.org/10.5942/jawwa.2015.107.0040>. (Ali Chalak, Corresponding author).
11. Abou Zaki, S., Chaaban, J., Nasreddine, L. & **Chalak, A.** (2014). 'The impact of food price increases on nutrient intake in Lebanon.' *Agricultural and Food Economics* **2**(3). doi: <http://dx.doi.org/10.1186/s40100-014-0003-4>. (Ali Chalak, Corresponding author).

12. **Chalakh, A.**, Reid, S., Silcock, M. & Abiad, M. (2013). 'Customers' perspectives of water safety and service failure risks.' *Journal – American Water Works Association* **105**(8): E449-E459. doi: <http://dx.doi.org/10.5942/jawwa.2013.105.0092>. (**Ali Chalakh, Senior author**).
13. Abiad, G. & **Chalakh, A.** (2012). 'Unraveling mean and variance heterogeneity influences of information provision on safer food purchasing decisions: A heteroscedastic mixed logit approach.' *Food Economics* **9**(3): 135-144. doi: <http://dx.doi.org/10.1080/2164828X.2013.781942>. (**Ali Chalakh, Corresponding author**).
14. **Chalakh, A.**, and Abiad, M. (2012). 'How effective is information provision in shaping food safety related purchasing decisions? Evidence from a Choice Experiment in Lebanon.' *Food Quality and Preference* **26**(1): 81-92. doi: <http://dx.doi.org/10.1016/j.foodqual.2012.04.001>. (**Ali Chalakh, Senior author**).
15. **Chalakh, A.**, Hecht, J., Reid, S. & Abiad, M. (2012). 'Willingness-to-pay for greenhouse gas reductions: A Bayesian investigation of distributional patterns.' *Environmental Science and Policy* **19-20**: 147-157. doi: <http://dx.doi.org/10.1016/j.envsci.2012.02.003>. (**Ali Chalakh, Senior author**).
16. Reid, S., **Chalakh, A.** & Hecht, J. (2010). 'Determining the optimal investment plan for water utilities: The case of Veolia Water Central.' *Water Science and Technology: Water Supply* **10**(3): pp. 367-375. doi: <http://dx.doi.org/10.2166/ws.2010.098>.
17. Balcombe, K., **Chalakh, A.** & Fraser, I. (2009). 'Model selection for the mixed logit with Bayesian estimation.' *Journal of Environmental Economics and Management* **57**(2): pp. 226-237. doi: <http://dx.doi.org/10.1016/j.jeem.2008.06.001>.
18. Balcombe, K., Bailey, A., **Chalakh, A.** & Fraser I. (2008). 'Modifying willingness to pay estimates where respondents mis-report their preferences.' *Applied Economics Letters* **15**(5): pp. 327-330. doi: <http://dx.doi.org/10.1080/13504850600706123>.
19. **Chalakh, A.**, Balcombe, K., Bailey, A and Fraser, I. (2008). 'Pesticides, preference heterogeneity and environmental taxes.' *Journal of Agricultural Economics* **59**(3): pp. 537-554. doi: <http://dx.doi.org/10.1111/j.1477-9552.2008.00163.x>. (**Ali Chalakh, Senior author**).
20. Balcombe, K., Bailey, A., **Chalakh, A.** & Fraser I. (2007). 'Bayesian estimation of willingness-to-pay where respondents mis-report their preferences.' *Oxford Bulletin of Economics and Statistics* **69**(3): pp. 413-438. doi: <http://dx.doi.org/10.1111/j.1468-0084.2006.00198.x>. (**Ali Chalakh, Senior author**).
21. Crane, M., Norton, A., Leaman, J., **Chalakh, A.**, Bailey, A., Yoxon, M., Smith, J. & Fenlon, J. (2006). 'Acceptability of pesticide impacts on the environment: what do United Kingdom stakeholders and the public value?' *Pest Management Science* **62**(1): pp. 5-19. doi: <http://dx.doi.org/10.1002/ps.1134>.

Manuscripts submitted to refereed international journals

1. **Chalakh, A.**, Nasreddine, L., Diab, M. & Abiad, M. (2017). 'Household food waste generation in urban Lebanon: Behavioral and socioeconomic determinants and policy implications.' Paper submitted to *Food Policy*.

2. Nakkash, R., Ghandour, L., Anouti, S., Nicholas, J., Mugharbil, S., **Chalak, A.**, Yassin, N. & Afifi, R. (2017). 'Community-based alcohol outlet density: How much is too much?' Paper submitted to *Health and Place*.
3. **Chalak, A.**, Abou-Daher, C. & Abiad, M. (2017). 'Food waste generation in the hospitality and food retail and wholesale sectors: Lessons from developed economies.' Paper submitted to *Food Security*. (**Ali Chalak, Senior author**).
4. **Chalak, A.** & Harajli, H. (2017). 'Willingness to pay for energy efficient appliances: The case of Lebanese consumers.' Paper under review in *Energy for Sustainable Development*. (**Ali Chalak, Senior author**).

Papers in peer-reviewed working paper series

1. **Chalak, A.**, Al-Naghi, H., Irani, A. & Abou Zeid, M. (2014). 'Commuters' behavior towards upgraded bus services in Greater Beirut: Implications for greenhouse gas emissions, social welfare and transport policy.' Working paper 27, Sustainable Transport Series, Climate Change and Environment in the Arab World Program, Issam Fares Institute for Public Policy and International Affairs, American University of Beirut, Beirut, Lebanon. Available from: https://www.aub.edu.lb/ifi/publications/Documents/working_papers/20150224_Chalak%20Maya_CC.pdf. (**Ali Chalak, Senior author**).
2. Irani, A. & **Chalak, A.** (2014). 'Harnessing motorists' potential demand for hybrid-electric vehicles in Lebanon: Policy options, CO2 emissions reduction and welfare gains.' Working paper 26, Sustainable Transport Series, Climate Change and Environment in the Arab World Program, Issam Fares Institute for Public Policy and International Affairs, American University of Beirut, Beirut, Lebanon. Available from: https://www.aub.edu.lb/ifi/publications/Documents/working_papers/20150217_Harnessing_Motorists_CC.pdf. (**Ali Chalak, Corresponding author**).

Conference proceedings

1. Saoud, I. P., Abiad, M., **Chalak, A.** (2011). 'Integrating aquaculture with dairy farm waste and irrigation to reduce consumptive freshwater use, alleviate rural poverty and improve food security.' Symposium publication in: *Water and Energy in Sustainable Food Security*, Lebanon. 2-3 December 2011.
2. Reid, S., **Chalak, A.**, & Hecht, J. (2009). 'Determining the optimal investment plan for water utilities: The case of Three Valleys Water.' In K. P. Tsagarakis (Ed.), *2nd International Conference on Water Economics, Statistics and Finance. Conference Proceedings (Vol. I, pp. 137-148)*. International Water Association (IWA), Alexandroupolis, Thrace-Greece, 3-5 July 2009.

Conference papers

1. Hecht, J., **Chalak, A.** & Reid, S. (2010). 'How equitable are proposed water and sewerage service improvements? Evidence from a marketing analysis of stated preference data.' Paper

presented at the 80th Annual Conference of the Southern Economic Association, Atlanta, Georgia, 20-22 November 2010.

2. **Chalakov, A.**, Reid, S. & Hecht, J. (2010). 'Using Bounded Bayesian Mixed Logit Models to Capture Heterogeneous and Shifting Public Attitudes towards Climate Change Risks.' Paper accepted at the workshop on "Risk Elicitation and Stated Preference Methods for Climate Change Research", EnviroChange, University of Trento, Trento, 21-22 October 2010. (**Ali Chalakov, Corresponding author**).
3. **Chalakov, A** and Reid, S. (2010). 'Customers' inertia in response to risks of water service failure: insights from a Bayesian analysis of a water company choice experiment.' Paper presented at the Applied Environmental Economics Conference (Envecon 2010), The Royal Society, London, 12 March 2010. (**Ali Chalakov, Corresponding author**).
4. **Chalakov, A.**, Bailey, A., Balcombe, K. & Fraser, I. (2006). 'Pesticides, preference heterogeneity and non-market values: a latent class model.' Paper presented at the 80th AES Annual Conference, Paris, 29-31 March 2006. Available from: http://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=0CB4QFjAA&url=http%3A%2F%2Fwww.ibrarian.net%2Fnavon%2Fpaper%2FPesticides_Preference_Heterogeneity_and_Non_Mark.pdf%3Fpaperid%3D4934890&ei=0AYjVZy4EsziaqvwgKAF&usg=AFQjCNFF8Ep1b3_H2GB2lSd2WhXcrf9Uyw&bvm=bv.89947451,d.d2s. (**Ali Chalakov, Corresponding author**).

Reports

1. Chaaban, J., **Chalakov, A.**, Ismail, T., Abou-Taha, Y., Martinez, I., & Woertz, E. (2017). "Effectiveness and potential of European trade and assistance policies in the South Mediterranean neighbourhood in the fields of agriculture, water and rural development." Methodology and Concept Papers No. 7, MEDRESET Project, Istituto Affari Internazionali (IAI), September 2017. Available from: www.iai.it/sites/default/files/medreset_cp_7.pdf.
2. Farajalla, N., Badran, A., Taha El Baba, J., Choueiri, Y., El Hajj, R., Fawaz, M & **Chalakov, A.** (2017). "The Role of Informal Systems in Urban Sustainability and Resilience: A Review." Research report for Friedrich Ebert Stiftung, Issam Fares Institute for Public Policy and International Affairs, Beirut, Lebanon, July 2017. Available from: https://www.aub.edu.lb/ifi/publications/Documents/research_reports/20170706_informal_systems.pdf.
3. Bassil, D., Shaker Berbari, L., **Chalakov, A.**, Ghattas, H., Obeid, O. & Kronfol, N. (2017). "Infant and Young Child Feeding (IYCF) Programme in Syrian Refugee Camps and Host Communities in Jordan Evaluation." Final report for the United Nations Children's Fund (UNICEF), Jordan, 15 November 2016. Available from: https://www.unicef.org/evaldatabase/files/UNICEF-IYCF_Program_Evaluation-Final_Report_-25Feb2017.pdf.
4. **Chalakov, A.**, Hamadeh, S., Tawk, S. & Rouphael, S. "Value chain analysis of wheat landraces and wheat-based traditional foods in relation to agrobiodiversity." Research project final report for the Lebanese National Council for Scientific Research", American University of Beirut, August 2015.

5. "C1 customer views: Customer consultation process. Report for Northern Ireland Water", ICS Consulting, UK, February 2009.
6. "Post DBP Choice Experiments: Supply Interruptions and Water Quality. Report for Anglian Water Services", ICS Consulting, UK, February 2009.
7. "Customer willingness to pay for reducing odour nuisance from the Beckton sewage treatment works. A report for Thames Water Utilities Ltd.", ICS Consulting, UK, May 2008.
8. "Customer preferences and willingness to pay. A report for Three Valleys Water, Folkestone & Dover Water Services and Tendring Hundred Water Services (Veolia Water)", ICF International, London, UK, February 2008.
9. "Customer preference surveys for PR09 investment planning: Stage 2 studies. A report for Thames Water Utilities Ltd.", ICF International, London, UK, February 2008.
10. "Customer preference surveys for PR09 investment planning. A report for Thames Water Utilities Ltd.", ICF International, London, UK, February 2008.
11. "The fruit export sector in Lebanon: The Challenge of conforming to sanitary phytosanitary measures. A report for the Rural Development, Water and Environment Department, World Bank." Centre for Food Research, Imperial College London, London, UK, 25 June 2004.

Unpublished Manuscripts

1. "Using choice experiments to value the social benefits from reduced pesticide usage in the United Kingdom." Ph.D. thesis, Imperial College London, Wye Campus, University of London, UK, October 2007.
2. "The prevalence of latent or endophytic infections of *Botrytis cinerea* in potato and other plant species", M.Sc. thesis, University of Reading, Reading, UK, August 2001.

Policy briefs

1. Irani, A., & **Chalak, A.** (2014). 'Harnessing motorists' potential demand for hybrid-electric vehicles in Lebanon: Policy options, CO₂ emissions reduction and welfare gains.' Sustainable Transport Policy Brief No. 2. Beirut. Sustainable Transport Series, Climate Change and Environment in the Arab World Program, Issam Fares Institute for Public Policy and International Affairs. Available from: https://www.aub.edu.lb/ifi/publications/Documents/policy_memos/2014-2015/2.Harnessing_Motorists_Potential_Demand_Hybrid_Electric_Vehicles_in_Lebanon.pdf. (**Ali Chalak, Corresponding author**).
2. **Chalak, A.**, Al-Naghi, H., Irani, A. & Abou Zeid, M. (2014). 'Commuters' behavior towards upgraded bus services in Greater Beirut: Implications for greenhouse gas emissions, social welfare and transport policy.' Sustainable Transport Policy Brief No. 3. Beirut. Sustainable Transport Series, Climate Change and Environment in the Arab World Program, Issam Fares Institute for Public Policy and International Affairs. Available from: https://www.aub.edu.lb/ifi/publications/Documents/policy_memos/2014-

[2015/3.Commuters Behavior towards Upgraded Bus Services Greater Beirut.pdf](#). (Ali Chalak, Senior author).

3. Abiad, M., Habchi, R., Bashour, I. & **Chalak, A.** (2011). 'Recycling farm biomass for biogas production: A feasibility study in rural Lebanon climate change and environment in the Arab world.' Research and Policy Memo No. 7. Beirut. Climate Change and Environment in the Arab World Program, Issam Fares Institute for Public Policy and International Affairs. Available from: https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&uact=8&ved=0CCEQFjAA&url=https%3A%2F%2Fwww.aub.edu.lb%2Fifi%2Fpublic_policy%2Fclimate_change%2Fifi_cc_texts%2FDocuments%2Fpolicy_memos%2Fifi_cc_memo07_biomass_biogas.pdf&ei=9QojVd3eCYGVatTFgDg&usg=AFQjCNHINwliPcBnlp0YU-M5NXcFs9lxZA&bvm=bv.89947451,d.d2s. (Ali Chalak, Corresponding author).

ORAL AND POSTER PRESENTATIONS

1. Ghandour L., **Chalak, A.**, Yassin, N., Nakkash, R., Anouti, S. & Afifi, R. (2017). 'Modelling youths' demand and ethanol intake responsiveness to alcohol taxes using a Discrete Choice Experiment.' Oral Presentation at the College on Problems of Drug Dependence 2017 Annual Scientific Meeting, Montreal, Canada, 17-22 June 2017.
2. **Chalak, A.**, Ghandour, L., Yassin, N., Nakkash, R., Anouti, S. & Afifi, R. (2016). 'Modeling youths' demand and ethanol intake responsiveness to alcohol taxes: The case of Lebanon.' Oral presentation at the 'Lebanese Epidemiological Association (LEA) 21st Annual Conference: Epidemiology in Health Policy and Practices', Beirut, Lebanon, 2-3 December 2016.
3. Ryley, T., Zanni, A. M. & **Chalak, A.** (2016). 'Modal choice for long distance travel: coping with extreme weather uncertainty as part of a social network.' Oral presentation at the 'Annual International Conference 2016', Royal Geographical Society, London, UK, 30 August – 2 September 2016.
4. Said, M., Abou-Zeid, M. & **Chalak, A.** (2015). 'Investigating the impact of happiness indicators on the efficiency of choice models.' Oral presentation at the 14th World Conference on Transport Research, Shanghai, China, 10-15 July 2016.
5. **Chalak, A.** (2016). 'Migration and mobility.' Oral presentation at the MEDRESET project Steering Committee and Kick-off conference on Resetting Mediterranean Relations held by the Italian International Affairs Institute (IAI), Rome, Italy, 13-14 April 2016.
6. **Chalak, A.**, Irani, A., Chaaban, J., Bashour, I., Seyfert, K., Smoot, K. & Abebe, G. K. (2015) 'Farmers' willingness to adopt conservation agriculture: New evidence from Lebanon.' Poster presentation at the '2nd International Conference on Global Food Security', Ithaca, NY, USA, 11-14 October 2015. (Ali Chalak, Corresponding author).
7. Ghandour, L., Yassin, N., Nakkash, R., **Chalak, A.**, Al Aily, A. & Afifi, R. (2015). 'Alcohol outlet density in Lebanon: Youth access amid a policy void.' Poster presentation at the

'Momentum for Change: Research and Advocacy Reducing Alcohol Harm' conference (GAPC), Edinburgh, Scotland, 7-9 October 2015.

8. Ghandour, L., Yassin, N., Nakkash, R., **Chalakov, A.**, Al Aily, A. & Afifi, R. (2015). 'It's not my Job': Stakeholder's views on youth alcohol harm reduction policy in Lebanon.' Oral presentation at the 'Momentum for Change: Research and Advocacy Reducing Alcohol Harm' conference (GAPC), Edinburgh, Scotland, 7-9 October 2015.
9. Ghandour, L., Yassin, N., Nakkash, R., **Chalakov, A.**, Al Aily, A. & Afifi, R. (2015). 'Alcohol control policies in the Arab region: Where do we stand, and what are the implications for youth harm reduction?' Oral presentation at the 'Momentum for Change: Research and Advocacy Reducing Alcohol Harm' conference (GAPC), Edinburgh, Scotland, 7-9 October 2015.
10. Ghandour, L., Yassin, N., Nakkash, R., **Chalakov, A.**, Al Aily, A., Tauk, M. & Afifi, R. (2015). 'Use of data triangulation for proposing a comprehensive national alcohol control and harm reduction policy: The case of Lebanon.' Oral presentation at "Healthy People – Healthy Environment", 14th World Congress on Public Health, Kolkata, India, 11-15 February 2015. Available from: <http://speakers.14wcph.org/abstracts/abstract.asp?date=14&session=22&abstract=115>.
11. **Chalakov, A.** & Abiad, M. (2014). 'The Interplay of Qualitative and Quantitative Messages in Shaping Consumers' Preferences for Food Safety under Various Certifying regimes: The case of Lebanon.' Poster presentation at "EuroSense 2014: A Sense of Life", 6th European Conference on Sensory and Consumer Research, Bella Center, Copenhagen, Denmark, 7-11 September 2014. (**Ali Chalakov, Corresponding author**).
12. Hajj Ahmad, R., **Chalakov, A.**, Olabi, A. & Toufeili, I. (2014). 'Choice of Greek style yogurt is affected by its sensory properties and the eating patterns of consumers.' Poster presentation at "EuroSense 2014: A Sense of Life", 6th European Conference on Sensory and Consumer Research, Bella Center, Copenhagen, Denmark, 7-11 September 2014.
13. **Chalakov, A.**, Al-Naghi, H., Irani, A. & Abou Zeid, M. (2014). 'Commuters' behavior towards upgraded bus services in Greater Beirut: Implications for greenhouse gas emissions, social welfare and transport policy.' Oral presentation at the conference on "Building the Case for Sustainable Transportation in the Arab World", Issam Fares Institute for Public Policy and International Affairs, American University of Beirut, Beirut, Lebanon, 21 May 2014. (**Ali Chalakov, Senior author**).
14. Irani, A. & **Chalakov, A.** (2014). 'Harnessing motorists' potential demand for hybrid-electric vehicles in Lebanon: Policy options, CO2 emissions reduction and welfare gains.' Oral presentation at the conference on "Building the Case for Sustainable Transportation in the Arab World", Issam Fares Institute for Public Policy and International Affairs, American University of Beirut, Beirut, Lebanon, 21 May 2014. (**Ali Chalakov, Corresponding author**).
15. **Chalakov, A.** & Abiad, M. (2012). 'Food choice & safety certification: a mixed logit investigation of the systematic, distributional and differential influences of information provision.' Poster presentation at the AAEEA/EAEE conference on "Food Environment: The Effects of Context on Food Choice", Tufts University, Boston, MA, 30-31 May 2012. Available from:

http://ageconsearch.umn.edu/bitstream/123984/2/Chalak_Abiad_FoodChoiceandSafetyCertification.pdf. (Ali Chalak, Corresponding author).

16. Abou Mehdi, N., **Chalak, A.** & Toufeili, I. (2011). 'The purchase intent of honey is influenced by sensory properties, price and health claims.' Poster presentation at the 9th Pangborn Sensory Science Symposium, The Sheraton Centre Toronto Hotel, Toronto, Canada, 4-8 September 2011. (Ali Chalak, Senior author).

TEACHING

Courses

Lectured on Applied Economics, Resource and Environmental Economics, Statistics and Agricultural Policy. Specific courses taught at AUB:

1. AGBU 211 (3 cr., undergraduate): Introduction to Agricultural Issues and Policies (Fall).
2. AGBU 256 (1 cr., undergraduate): Summer Internship (Summer).
3. AGBU 292 (5 cr., undergraduate): Agribusiness Final Year Project (capstone) (Fall).
4. AGSC 212 (2 cr., undergraduate): Microeconomics Theory of Food and Farming (Spring).
5. AGSC 301 (1.5 cr., graduate): Statistical Methods in Agriculture (Fall/Spring).
6. AGSC 376 (3 cr., graduate): Resource and Environmental Economics (Spring).
7. AGSC 389 (3 cr., graduate): Research Methods in Applied Economics (Spring).
8. AGSC 395 (1 cr., graduate): Graduate Seminar (Fall).

Also supervised graduate tutorials.

Theses and projects supervised

1. Assaf, Rami. The Waste Management Value Chain in the West Beqaa: What Contributions to Labor Markets, Sustainability and Rural Development? M.Sc. Thesis in Rural Community Development, Expected graduation Fall 2017-2018.
2. Youssef Nassif. Economic Analysis of the Relationship between Energy Input and Yield of Greenhouse Vegetable Production in Lebanon. M.Sc. Thesis in Agricultural Economics, Faculty of Agricultural and Food Sciences, Expected graduation Fall 2017-2018.
3. Rima Maalouf. Academic Tourism in Lebanon: To what Extent is it Eco-Tourism? M.Sc. Project in Ecosystem Management, Faculty of Agricultural and Food Sciences, Expected graduation Fall 2017-2018.
4. Masahiro Morita. Smallholders' Cooperation in Water Management and Poverty Reduction. M.Sc. Thesis in Agricultural Economics, Faculty of Agricultural and Food Sciences, Fall 2016-2017.

5. Aliaa Al Dirani. *Rosa damascene* and its Stakeholders: Exploring Sustainable Livelihoods and Value Chain in Beqaa Villages (Qsarnaba, Chmistar, and Niha Zahle), Lebanon. M.Sc. Project in Ecosystem Management, Faculty of Agricultural and Food Sciences, Spring 2015-2016.
6. Paul-Marc Massabni. The Determinants of Loan Default Risks among Small and Medium Agro-Food Enterprises in Lebanon. M.Sc. Thesis in Agricultural Economics, Faculty of Agricultural and Food Sciences, Spring 2015-2016.
7. Pardie Karamanoukian. Impact of Food Safety Certification and Certification bodies on Purchasing Decisions of Lebanese Consumers. M.Sc. Thesis in Agricultural Economics, Faculty of Agricultural and Food Sciences, Spring 2013-2014.
8. Georges Safi. Conservation Agriculture Adoption: The Case of the Beqaa Valley. MBA Project, Olayan School of Business, Fall 2013-2014.

Also served on the supervisory committees of 16 MSc thesis and project students

FACULTY, UNIVERSITY AND PUBLIC SERVICES

Faculty

1. Search Committee for the position of Administrative Assistant, Agriculture Department. (2016 – present)
2. Coordinator of the Agricultural Economics Working Group (2016 – present)
3. Faculty Undergraduate Coordinator for the Agribusiness Program (Fall 2014 & 2015 – Present)
4. Ad Hoc Interdepartmental Committee to oversee the M.Sc. in Rural and Community Development (RCODE) (2014 – present)
5. Student Affairs Committee (2011 – 2013 & 2015 – present). Chairperson as of Fall 2016.
6. Undergraduate Admissions Committee (2011 – 2013)
7. Undergraduate Curriculum & Undergraduate Student Academic Affairs Committee (2010 – 2014 & 2015 – present)
8. Faculty Assistant Marshall in Commencement Ceremony (various occasions in 2010 – present)
9. Library Committee (2009 – 2011, 2013 – 2015 and Spring 2017 - Present)

University

1. Curriculum Committee for the AUB-EARTH Global Master's Program (GMP) in Health and Sustainable Development (October 2016 – present)
2. Assisted in the selection process for the MasterCard Foundation Scholars Program at AUB, 2016-2017 cohort (June 2016)

3. Search Committee for the positions of Assistant Professor in Applied Microeconomics and Applied Macroeconomics, Economics Department. External Member (2015 – 2016)
4. University Committee on Students Affairs (UCSA) (2015 – present)
5. University Senate committee (Fall 2014 & 2015 – present). Also member of the Senate Committee for Faculty Affairs (SCFA) (Fall 2014 & 2015 – present)
6. Search Committee for the position of Assistant Professor in Transportation Engineering, Computer and Electrical Engineering Department. External Member (2013 – 2014)
7. Faculty Advisory Committee for the Climate Change and Environment in the Arab World Program, Issam Fares Institute for Public Policy and International Affairs (2012 – 2013)
8. University Library Committee (2013 – 2015)
9. General Education Committee (2011 – 2014)
10. Program Learning Outcomes Assessment Plan for the B.Sc. in Agriculture (2010 – 2011)
11. Web Oversight Committee (2009 – 2010)
12. Publications Committee (2009 – 2012)
13. Nature Conservation Center for Sustainable Futures (IBSAR) Executive Committee (2010 – 2011)

Public services and services to the profession

1. Co-organizer of the panel discussion on “Financing and Entrepreneurship Support for the Agri-Food Sector”, Department of Agriculture, Faculty of Agricultural and Food Sciences, American University of Beirut, 22 March 2017
2. Agribusiness Expert on a specialized sub-committee of the Academic Technical Committee of the Ministry of Education and Higher Education, Lebanon, February 2017 – Present.
3. Reviewed manuscripts for:
 - *Environmental and Resource Economics*
 - *European Review of Agricultural Economics*
 - *Journal of environmental Economics and Policy*
 - *Journal of Environmental Management*
 - *International Journal of Environmental Research*
4. Reviewed conference papers for:
 - 13th Congress of the European Association of Agricultural Economists, ETH, Zürich, 30 August – 2 September 2011
5. Reviewed proposals for:
 - International Development Research Center (IDRC)
6. AUB-FAFS representative in the Economy and Marketing Committee, Ministry of Agriculture, Lebanon (2016 – Present).

7. Invited speaker at the 1st Hybrid Technology Event organized by the Lebanese Hybrid Automotive Club, Harajel, Lebanon, 12 September 2015.
8. Co-organizer of the conference on “Access to Finance for SMEs in the Agriculture and Food Sectors: New Opportunities, New Challenges”, Department of Agriculture, Faculty of Agricultural and Food Sciences, American University of Beirut, 26 March 2015.
9. Judge for the Aana Prizes for Innovation in Agribusiness and for Community Benefit through Agribusiness, American University of Beirut, (2014 & 2015)
10. Short training for Iraqi policy-makers on Environmental Policy, Public Policy Planning Workshop, Carnegie Middle East Center, Beirut, Lebanon, 7-9 April 2014.
11. Moderator for the Roundtable Discussion on the “Urban Green Spaces Policy in Lebanon”, American University of Beirut, Beirut, Lebanon, 8 November, 2012.
12. Discussant of the ‘Green Economy’ section of the Lebanese National Draft Report submitted to the United Nations Conference on Sustainable Development (Rio+20) in the ‘RIO+20 National Consultation Workshop’, Arab NGO Network for Development, Beirut, Lebanon, 3-4 May, 2012.
13. Judge for the Qatrah Beverage Product Innovation Competition 2011, Arab Beverage Association and the American University of Beirut (2010 & 2011).
14. Rapporteur for the session entitled ‘Unfulfilled commitments on Sustainable Development: Food Sovereignty, soil, and Agriculture’ of the ‘Regional Multi-Stakeholder Consultation in the Arab Region in preparation for the Rio+20 Summit’, Arab NGO Network for Development, Beirut, Lebanon, 12-13 October 2011.
15. Discussant of the working paper titled “Regulating Traffic as a Means of Reducing Atmospheric Pollution: the Case of Greater Cairo, Egypt” of the ‘Regional Workshop on Economic Incentives and Environmental Regulation in the MENA Region’, Economics Research Forum, Beirut, 13-14 June 2010.

CONSULTANCIES AND PROJECT EXPERIENCE

1. Willingness-to-pay research programme to support PR19 (2019 Price Review) – South East Water, UK, September 2017-Present.
2. Willingness-to-pay research programme to support PR19 (2019 Price Review) – Southern Water Services Ltd., UK, January 2017-Present.
3. Customer valuation research to support PR19 (2019 Price Review) – Wessex Water Services Ltd., UK, October 2016-Present.
4. Customer valuation research to support PR19 (2019 Price Review) – Dŵr Cymru Welsh Water., UK, September 2016-Present.
5. Independent Cost Efficiency Evaluation of the Infant and Young Child Feeding (IYCF) Program in the Camp & Host Communities, Amman – Save the Children and UNICEF – Jordan, August 2016.

6. Provision of Individual Services of an Econometrician – CEDRO, UNDP, Lebanon, August 2016-Present.
7. Customer Research – Irish Water Ltd., Ireland, July-August 2015.
8. Leakage RTU study – Thames Water Utilities Limited, UK, May 2014.
9. Follow-on customer research (2014 Price Review) – Severn Trent Water, UK, January 2014.
10. Benefits valuation for investment optimization – Dong Energy, Denmark, July 2013.
11. Customer Research (2014 Price Review) – South Staffordshire Water plc, UK, June 2013.
12. Acceptability research in water and wastewater services – ICS Consulting Ltd., UK, January 2013.
13. Econometric support for second stage stated preference studies for various England and Wales water and wastewater companies, UK, 2012-2013.
14. Customer Research (2014 Price Review) – Anglian Water Services Limited, UK, December-January 2012.
15. Customer Research (2014 Price Review) – Severn Trent Water, UK, July-August 2012.
16. Second stage sewer flooding, supply interruptions and environmental stated preference study – Thames Water Utilities Limited, UK, June-July 2012.
17. Analysis of water wastewater customers' priorities – South West Water Limited, UK, April 2012.
18. Follow-on WTP/WTA Analysis (2014 Price Review) – Thames Water Utilities Limited, UK, 2012.
19. Customer Research (2014 Price Review) – Thames Water Utilities Limited, UK, December 2011 – January 2012.
20. WTA and WTP valuations for investment planning – Yorkshire Water Services, UK, February 2010.
21. Econometric analysis of water customer data from a UK National Water Survey, UK, September 2010.
22. Series of talks on the general SEEA framework, priority issues, land and soil accounts and cost of environmental degradation and rapporteur for the regional agenda session of the “Expert Group Meeting on Environmental Economic Accounting for the ESCWA Region”, ESCWA, UN House, Beirut, Lebanon, 14-16 October 2009.
23. Modeling Broadband Network Capacity – Virgin Media, UK, August 2008 – May 2009.
24. UK, Integrating Customer Benefits/Costs in Water Companies' Investment Optimization Tools – Veolia Water, UK, 2008.
25. Non-market valuation of Customer Benefits from Water and Wastewater Service Improvements – Thames Water, Veolia Water, Anglian Water, Northern Ireland Water, UK, 2006 – 2009.

26. The Agricultural Fruit Export Sector in Lebanon and the Challenge of Conforming to Sanitary and Phytosanitary Measures – World Bank, Washington and Imperial College Consultants, UK, May-June 2004.
27. Pesticide Acceptability to the UK Public and Stakeholders – DEFRA, UK, 2004.

CONFERENCES, SCIENTIFIC MEETINGS AND WORKSHOPS

1. The College on Problems of Drug Dependence 2017 Annual Scientific Meeting, Montreal, Canada, 17-22 June 2017.
2. Global Master's Program Curriculum Development and Transformative Learning Workshop, EARTH University, Guácimo, Costa Rica, 15-18 May, 2017.
3. K2P Policy Dialogue on “Alcohol Drinking among Lebanese Youth: Delaying Initiation and reducing Harm”, Beirut, Gefinor Rotana Hotel, Lebanon, 27 January, 2017.
4. Lebanese Epidemiological Association (LEA) 21st Annual Conference: Epidemiology in Health Policy and Practices, Beirut, Gefinor Rotana Hotel, Lebanon, 2-3 December 2016.
5. Corporate funding and Public Health: An Open discussion. Workshop organized by the Alcohol Harm Reduction research team, American University of Beirut, Gefinor Rotana Hotel, Beirut, Lebanon, 17 December 2015.
6. Closed Methodology Workshop on Labor Movements and the Quest for Social Justice in the Arab World, Issam Fares Institute for Public Policy and International Affairs, American University of Beirut, Beirut, Lebanon, 3-4 December 2015.
7. 2nd International Conference on Global Food Security, Cornell University, Ithaca, New York, USA, 11-14 November 2015.
8. Panel Discussion on the “Economics of Climate Change: The Cost of Doing Nothing”, Issam Fares Institute for Public Policy and International Affairs, American University of Beirut, Beirut, Lebanon, 20 March 2015.
9. EuroSense 2014: A Sense of Life, 6th European Conference on Sensory and Consumer Research, Bella Center, Copenhagen, Denmark, 7-11 September 2014.
10. Building the Case for Sustainable Transportation in the Arab World, Issam Fares Institute for Public Policy and International Affairs, American University of Beirut, Beirut, Lebanon, 21 May 2014.
11. Public Policy Planning Workshop, Carnegie Middle East Center, Beirut, Lebanon, 7-9 April 2014.
12. Alcohol Policy 16: The 16th in a series of conferences on the avoidance of alcohol-related problems using public policy strategies, Washington D.C., USA, 3-5 April 2013.
13. Training Seminar – Introduction to GAMS, Lebanese Economic Association, Beirut, Lebanon, 9-13 July 2012.

14. AAEA/EAAE conference on “Food Environment: The Effects of Context on Food Choice”, Tufts University, Boston, MA, 30-31 May 2012.
15. Workshop on the Assessment of Course Learning Outcomes, Center for Teaching and Learning, American University of Beirut, Beirut, Lebanon, 15 & 22 October 2011.
16. Regional Workshop on Economic Incentives and Environmental Regulation in the MENA Region, Beirut, 13-14 June 2010.
17. Packaging Conference for the Launching of LibanPack – The Lebanese Packaging Center, Moëvenpick Hotel, Beirut, Lebanon, 25 April 2010.
18. IFAD Rural Poverty Report Regional Workshop – MENA Region, American University of Beirut, Beirut, Lebanon, 25-26 March 2010.
19. Applied Environmental Economics Conference (Envecon 2010), The Royal Society, London, 12 March 2010.
20. 2nd International Conference on Water Economics, Statistics and Finance, Alexandroupolis, Greece, 3-5 July 2009.
21. Expert Group Meeting on Environmental Economic Accounting for the ESCWA Region, ESCWA, UN House, Beirut, Lebanon, 14-16 October 2009.
22. Summer School in Discrete Choice Models: Theory and Applications to Environment, Landscape, Transportation and Marketing, Advanced Module, University of Bologna, Imola, Italy, 14-18 July 2008.
23. 80th Agricultural Economics Society Annual Conference, Paris, 29-31 March 2006.
24. 78th Agricultural Economics Society Annual Conference, London, 2-4 April 2004.
25. The British Crop Protection Council Conference - Pests and Diseases, Brighton, 13-16 November 2000.

RESEARCH GRANTS

Principal investigator

1. University Research Board (URB), AUB, Lebanon, July 1st, 2015 – June 30th, 2016. Project title: “The Political Economy of Agrarian Protest among Tobacco Leaf Farmers in South-Lebanon since 1960.” Grant value: \$6,750.
2. University Research Board (URB), AUB, Lebanon, July 1st, 2014 – June 30th, 2017. Project title: “Household Food Waste Generation in Urban Lebanon: Behavioral Patterns, Economic Costs and Policy Options.” Grant value: \$30,000.
3. Lebanese National Council for Scientific Research (CNRS), October 1st, 2013 – September 30th, 2014. Project title: “Value Chain Analysis of Wheat Landraces and Wheat-Based Traditional Foods in Relation to Agrobiodiversity.” Grant value: \$8,289.

4. Issam Fares Institute for Public Policy & International Affairs, Lebanon, September 1st, 2013 - February 28th, 2014, 6 months. Project title: "Motorists' Willingness to Switch to Clean-Fuel Vehicles and the Implications for Public and Environmental Health: The Case of Greater Beirut." Grant value: \$6,407.
5. University Research Board (URB), AUB, Lebanon, July 1st, 2012 - June 30th, 2013. Project title: "Farmers' Willingness to Adopt Conservation Agriculture: The Case of The Beqaa Valley." Grant value: \$9,000.
6. Issam Fares Institute for Public Policy & International Affairs, Lebanon, July 1st, 2012 - February 28th, 2013. Project title: "Commuters' Behavior towards Upgraded Bus Services in Greater Beirut: Role of Itinerary and Environmental Information Provision and Implications to Climate Change Policy." Grant value: \$10,000.
7. Lebanese National Council for Scientific Research (CNRS), October 1st, 2011 – September 30th, 2012. Project title: "Consumers' Demand for Mitigating Foodborne Risks and the Role of Awareness Campaigns in Adding Value to Microbiological Safety in Food Markets of Lebanon." Grant value: \$8,300.
8. University Research Board (URB), AUB, Lebanon, July 1st, 2011 – June 30th, 2012. Project title: "How Effective are Environmental & Health Labels at Capturing Market share? The Case of 'Zero Nitrate' Labels in the Lebanese Market for Bottled Water." Grant value: \$10,000.
9. University Research Board (URB), AUB, Lebanon, October 1st, 2010 – September 30th, 2011. Project title: "Consumer Inertia and the Role of Awareness Campaigns in Valorizing Safety and Hygiene in Food Markets of Developing Countries: The Case of Lebanon." Grant value: \$7,300.
10. University Research Board (URB), AUB, Lebanon, February 1st, 2010 – September 30th, 2010. Project title: "Modeling Consumer Indifference and Enthusiasm in the Market for Eco-labeled Food in Lebanon." Grant value: \$4,122.

Co-Principal Investigator

1. European Commission, Horizon 2020 – Research and Innovation Framework Programme and Istituto Affari Internazionali, Roma, Italy, January 1st, 2016 – December 31st, 2018. Project title: "MEDRESET. A comprehensive, integrated, and bottom-up approach to reset our understanding of the Mediterranean space, remap the region, and reconstruct inclusive, responsive, and flexible EU policies in it." Grant value: €133,840.
2. Food and Agriculture Organization, Lebanon, November 1st, 2015 – June 30th, 2016. Project title: "Comparative study of alternative micro-gardening models for poor marginalized communities." Grant value: \$42,024.
3. Sustainability Research and Training Program (SRTP), University of California, Davis (UC Davis), USA and Diamond Developers (DD), Dubai, UAE, September 1st, 2014 – August 31st, 2015. Project title: "Developing an Integrated Approach for Assessment and Utilization of Biomass for Improving the Sustainability of a City." Grant value: \$20,104.

Co-Investigator

1. Development Alternatives, Inc. (DAI), March 1st, 2017 – December 31st, 2018. Project title: “Water Security Analysis (WSA) for Regional Water Establishments (RWEs) and Litani River Authority (LRA).” Grant value: \$165,000.
2. Lebanese National Council for Scientific Research (CNRS), November 1st, 2016 – October 31st, 2017. Project title: “Exploring the adoption and implementation of Food Quality and Safety Management Systems in the Lebanese food supply chain.” Grant value: LBP13,000,000.
3. Lebanese National Council for Scientific Research (CNRS), November 1st, 2016 – October 31st, 2018. Project title: “Extended Producer Responsibility (EPR) as a Waste Management System for the Lebanese Agro-Food Industry: Effectiveness, Challenges and Opportunities.” Grant Value: LBP26,000,000.
4. Friedrich-Ebert-Stiftung (FES), Lebanon, September 1st, 2016 – September 30th, 2017. Project title: “Informal Systems and Mechanisms in Cities in Lebanon for Policy Lessons.” Grant value: \$54,000.
5. University Research Board (URB), AUB, Lebanon, July 1st, 2016 – June 30th, 2017. Project title: “Exploring the Direct and Indirect Associations between Policy-Relevant Predictors and Youth Alcohol Drinking in Lebanon: Secondary data analysis of a Cross-Sectional Survey.” Grant value: \$6,000.
6. International Development Research Centre, Canada, January 1st, 2013 – December 31st, 2016. Project title: “Alcohol control and harm policies in Lebanon: The industry, the market and the young consumer.” Grant value: \$262,500.
7. University Research Board (URB), AUB, Lebanon, October 1st, 2010 – September 30th, 2011. Project title: “Food Safety among Food Vendors in Poor Lebanese Neighborhoods: A Step Towards a Healthy Marketplace.” Grant value: \$6,400.
8. Issam Fares Institute for Public Policy & International Affairs, Lebanon, April 1st, 2010 – November 30th, 2010. Project title: “Recycling Farm Biomass for Biogas Production: Implications for Rural Livelihoods and Greenhouse Gas Emissions.” Grant value: \$7,100.

MEDIA COVERAGE AND APPEARANCES

1. Interview on Radio Lebanon on sustainable transportation in Lebanon, Beirut, 30 October 2014.
2. Interview on the *Ard w Ward* segment of the *Alam al-Sabah* morning show, Future TV, on the Agribusiness program at AUB. Beirut, Lebanon, 22 October 2012.
3. Newspaper article covering the IDRC alcohol control study entitled ‘*Nisbat sharibi al-kuhul bayn shabab Lubnan irtafa`at 40% khilal 7 sanawat*’ [The percentage of alcohol consumption among youth has risen by 40% in 7 years], An-Nahar daily newspaper, Beirut, Lebanon, 4 March 2013. Available from <http://www.annahar.com/article/18134--نسبة-شاربي-كحول-بين-شباب-في-لبنان-ارتفعت-40-خلال-7-سنوات>.

PROFESSIONAL AFFILIATIONS

1. AUB Faculty United, 2013 – present.
2. Agricultural Economics Society, 2014 – present.
3. Lebanese Economic Association; 2012 – present.
4. European Association of Environmental and Resource Economists; 2012 – present.
5. Association of Environmental and Resource Economists; 2012 – present.
6. Agricultural and Applied Economics Association; 2012-present.
7. Order of Engineers and Architects, Tripoli Chapter; 2001-present.