



NORBERTO LUIS GARCÍA
UNIVERSIDAD NACIONAL DEL SUR

Rawson 132, (8160) Tornquist, Pcia. Buenos Aires, ARGENTINA.
Tel.: +54 9 291 154299373, e-mail: n.garcia@nexco-sa.com.ar

EDUCATION & TRAINING

- Agronomic Engineer, Universidad Nacional del Sur, Bahía Blanca, Argentina, 1982.
- Post-graduate Specialist in Applied Statistics. Universidad Nacional de Tucumán, 1983.
- Master of Science. Plant Production. Universidad Nacional del Sur, 1989.
- Training in Food Defense. Center for Food Protection and Defense. University of St. Paul – Minneapolis, U.S.A. 2013.
- Preventive Controls Qualified Individual (PCQI). U.S. FDA. Santiago de Chile, 2018.
- Lead Instructor PCQI. U.S. FDA. Santiago de Chile, 2018.

POSITIONS

- Professor of Apiculture, Universidad Nacional del Sur, Bahía Blanca, ARGENTINA. Retired.
- Chairman of the APIMONDIA Scientific Commission on Beekeeping Economy.
- Chairman of the United States Pharmacopeia’s Panel of Experts on Honey Quality and Authenticity.
- Senior Advisor of NEXCO S.A., the main Argentine honey exporter.
- Chairman of APIMONDIA Working Group “Adulteration of Bee Products”.

RECENT PRESENTATIONS IN INTERNATIONAL MEETINGS

- 43° APIMONDIA Congress. *Market Conditions and Honey Adulteration*. Kiev, UKRAINE. September 2013.
- Annual Convention of the American Honey Producers Association. *Factors Contributing to the Increase of Honey Prices*. San Antonio, TX, U.S.A. January 2014.
- Annual Meeting of the European Professional Beekeepers Association. *Honey Adulteration*. Lublin, POLAND. March 2014.
- Ibero Latin-American Beekeeping Congress of the FILAPI. *Chairman of the Round Table on the International Honey Market*. Puerto Iguazú, ARGENTINA. August 2014.
- Food Defense Conference 2014. *Economically Motivated Adulteration in Honey*. National Center for Food Protection and Defense. University of Minneapolis – St. Paul, Mn., U.S.A. September 2014.
- European Congress BEECOME. *Economically Motivated Adulteration in Honey*. Donaueschingen, GERMANY. October 2014.
- Annual Convention of the American Honey Producers Association. *Economically Motivated Adulteration in Honey*. Manhattan Beach, CA, U.S.A. January 2015.
- China Bee Products Industry Conference. *Raising Awareness on Honey Fraud*. Guangzhou, CHINA, March 2015.
- 14° Beekeeping Congress of Chile. *The Honey Market*. Concepción, CHILE, August 2015.
- 44° APIMONDIA Congress. *Round Table on Adulteration of Bee Products*. Daejeon, SOUTH KOREA. September 2015.
- Annual Convention of the American Honey Producers Association. *Honey Adulteration: A problem that is becoming out of control*. Albuquerque, NM, U.S.A. January 2016.
- Winter Meeting of the National Honey Packers & Dealers Association. *HONEY ADULTERATION: The main cause of the current oversupply of honey*. Jacksonville, FL, U.S.A. January 2016.
- China Bee Products Industry Conference. *A Healthy and Balanced World Needs Pure and Natural Bee Products*. Chengdu, CHINA, March 2016.
- 21 National Congress of French Beekeeping. *L'actualité du Commerce International du Miel*. Clermont Ferrand, FRANCE. October 2016.
- 21 National Congress of French Beekeeping. *Table Ronde: Le Commerce International du Miel*. Clermont Ferrand, FRANCE. October 2016.
- Alberta Beekeepers Commission Annual General Meeting and Convention. *International Honey Trade*. Edmonton, AL. CANADA. November 2016.
- Alberta Honey Producers Cooperative Annual Meeting. *Some Tips on the Global Honey Market*.

Edmonton, AL. CANADA. November 2016.

- 2017 North American Beekeeping Conference and Tradeshow. *HONEY FRAUD: A Major Threat to the Future of Beekeeping*. Galveston, TX. U.S.A. January 2017.
- 45° APIMONDIA Congress. Chairman of the Round Table on Honey Adulteration. Istanbul, TURKEY. September 2017.
- 2018 ApiArab Expo at GFIA. *Honey Quality and International Honey Market Analysis*. Abu Dhabi, UAE. February 2018.
- 2018 BeeCome Congress. *Honey Adulteration and Honey Market Worldwide*. Graz, AUSTRIA. February 2018.
- 2018 Victorian Apiarists Association Annual Conference. *Beekeeping in Argentina*. Ballarat, VIC. AUSTRALIA. June 2018.
- 2018 Victorian Apiarists Association Annual Conference. *Honey Adulteration*. Ballarat, VIC. AUSTRALIA. June 2018.
- 3rd. Australian Bee Congress. *The Importance of Global Honey Trade for the Sustainability of Beekeeping*. Gold Coast, QLD. June 2018.
- XIII Congreso Apicultura FILAPI 2018. *Novedades del Mercado Internacional de la Miel*. Montevideo, URUGUAY. August 2018.
- IAFP's European Symposium on Food Safety 2019. *The Magnitude and Impact of Honey Fraud*. Nantes, FRANCE. April 2019.
- 20 Congreso Red Apícola Nacional de Chile. *La Magnitud e Impacto de la Adulteración de la Miel Rancagua*, CHILE. July 2019.
- 46° APIMONDIA Congress. Chairman of the Symposium on Honey Adulteration. Montreal, CANADA. September 2019.
- 46° APIMONDIA Congress. Chairman of the Symposium on the International Honey Market. Montreal, CANADA. September 2019.
- 46° APIMONDIA Congress. Chairman of the Round Table on Honey Adulteration. Montreal, CANADA. September 2019.
- 46° APIMONDIA Congress. Participant of the Round Table "The Future of Beekeeping". Montreal, CANADA. September 2019.
- Jornada Apícola Mercados y Estrategia de Futuro. INIA La Estanzuela. *Mercado Mundial de la Miel*. Colonia, URUGUAY. October 2019.
- Jornada Apícola Mercados y Estrategia de Futuro. INIA La Estanzuela. *Mercado Regional de la Miel*. Colonia, URUGUAY. October 2019.
- Bruker Workshop at the American Honey Producers Association Convention. *The Importance of Regulations for Protecting Honey Purity*. Sacramento, CA. USA. January 2020.
- Bee Keeper Connect Series - Session 2. Beechworth Honey. *The Global Honey Market*. Beechworth

(Victoria), AUSTRALIA. July 2020.

- Second Provincial Beekeeping Meeting of San Antonio. *El Fraude de la Miel*. San Antonio, CHILE. August 2020.
- Bee Keeper Connect Series - Session 4. Beechworth Honey. *GOOD BEEKEEPING PRACTICES: Feeding bees without risking honey quality*. Beechworth (Victoria), AUSTRALIA. August 2020.
- BeeConf Honey Fraud Industry 2020. HONEY FRAUD: Its economic impact and current efforts to combat it. Bratislava, CZECH REPUBLIC. November 2020.
- Jornadas Técnicas de Apicultura de Granada. *EL FRAUDE DE LA MIEL: Cómo combatirlo*. Granada, SPAIN. November 2020.
- XIV Beekeeping Congress FILAPI 2019. EL FRAUDE DE LA MIEL: *Su impacto económico y los esfuerzos actuales para combatirlo*. CHILE. December 2020.
- WEBINAR 2020 Associazione Apicoltori Professionisti Italiani (Aapi) - Unione nazionale associazioni apicoltori italiani (Unaapi). *Mercato mondiale del miele e suoi sviluppi*. ITALY. December 2020.
- Scottish Beekeepers' Association Honey Fraud Webinar. *The International Honey Market and Fraud*. SCOTLAND, January 2021. <https://scottishbeekeepers.org.uk/events/webinars>
- Swedish Professional Beekeepers' Association Convention. *The International Honey Market and Fraud*. SWEDEN, February 2021. http://www.biodlingsforetagarna.se/newspost_10116.html.
- Imker.ag Symposium 2021. *The International Honey Market and Fraud*. AUSTRIA, February 2021. <https://www.imker.ag/&prev=search&pto=aue>.
- Webinar Apícola de Guatemala. *El Mercado Global de la Miel y la Lucha Contra el Fraude*. GUATEMALA, May 2021.
- SABIO Honey Fraud Virtual Workshop. *Global Honey Market and the Rise of Honey Fraud*. SOUTH AFRICA, May 2021.
- BRUKER's Webinar. *How essential is it to ensure honey authenticity?* GERMANY, July 2021. <https://www.brucker.com/en/news-and-events/webinars/2021/Honey-Essential-How-Essential-is-it-to-ensure-Honey-Authenticity.html>
- Congreso Argentino de Apicultura 2021. *Perspectivas del Mercado Internacional de la Miel*. ARGENTINA, July 2021.
- XXII Congreso Gremial Federación Red Apícola Nacional F.G. 2021. *Algunos Aspectos del Mercado Internacional de la Miel*. CHILE, August 2021.
- Round table in Slovenia on the Global honey market. *Some Aspects of the Global Honey Market: Bosnia & Herzegovina, Croatia, Macedonia, Montenegro, Serbia and Slovenia*. SLOVENIA, September 2021.
- Webinar European Parliament Intergroup on 'Climate Change, Biodiversity and Sustainable Development' "Honey labelling: Time to be transparent". *Honey Purity and Authenticity*. - 10 November 2021.

- International Conference on Food Analysis. Honey Round Table. *Global Developments on Honey Purity and Authenticity*. 16-18th. November 2021. National Association of Testing Authorities, AUSTRALIA.
- 4th Arab Beekeeping Association International Conference. *Status of Adulteration of Honey in the World*. Al-Baha, SAUDI ARABIA. July 2022.
- 47^o APIMONDIA Congress. *Current Efforts and Advancements for Protection of Honey Purity and Authenticity*. Keynote speaker with Gina Clapper (U.S. Pharmacopeia). Istanbul, TURKEY. August 2022.
- 47^o APIMONDIA Congress. Moderator of the Major Symposium on Honey Purity and Authenticity. Istanbul, TURKEY. August 2022.
- 47^o APIMONDIA Congress. *How to secure the incomes of professional beekeepers facing a lack of production stability and market volatility*. Istanbul, TURKEY. August 2022.
- 2022 BeeCome European Beekeeping Congress. *Nouvelles du Marché International du Miel*. Quimper, FRANCE. October 2022.
- 7th. Pine Honey Congress. *Challenges and Opportunities in the International Honey Market*. Marmaris. TURKEY. November 2022.
- African Regional Apimondia Symposium 2023. Developing the Apiculture Industry in Africa. *The protection of honey purity and authenticity: A prerequisite and also a challenge for future market developments*. Durban, SOUTH AFRICA. March 2023.
- IAFP Annual Meeting 2023. *Current Efforts and Advancements for Protecting Honey Purity and Authenticity*. Toronto, CANADA. July 2023.
- 5th Arab Beekeeping Association International Conference. *Current Efforts and Advancements for Protecting Honey Purity and Authenticity*. Al-Baha, SAUDI ARABIA. August 2023.
- 48^o APIMONDIA Congress. *Economic Anomalies to Detect Honey Fraud and Defend Honest Sustainable Beekeeping*. Santiago de Chile, CHILE. September 2023.
- El Mercado Internacional de la Miel y La Lucha Contra el Fraude. Jornadas Técnicas de Expomiel 2023. COAG Andalucía. Córdoba, ESPAÑA. November 2023.
- La Complejidad de la Detección del Fraude en la Miel. Jornadas Técnicas de Expomiel 2023. COAG Andalucía. Córdoba, ESPAÑA. November 2023.
- Scandinavian Beekeeping Congress 2024. The Complexity of Honey Fraud Detection. Stockholm, SWEDEN, February 2024.
- Queensland Beekeepers' Association Conference 2024. Honey Fraud. Townsville, AUSTRALIA, July 2024.
- Queensland Beekeepers' Association Conference 2024. Living with Varroa: The Argentine Experience. Townsville, AUSTRALIA, July 2024.
- 8th. Pine Honey Congress. The International Honey Market and the Combat Against Honey Fraud. Marmaris. TURKEY. November 2024.

- 8th. Pine Honey Congress. Manual of Good Beekeeping Practices in Artificial Feeding of Bees: A contribution to the quality of Argentine honey. Marmaris. TURKEY. November 2024.
- Bee Optima International Workshop on ICT-enabled Optimization and Digital Innovation in Beekeeping: Main Trends in the International Honey Market and Traceability as a Tool for Mitigating Fraud. Istanbul, TURKEY. January 2026.

RECENT PUBLICATIONS ON HONEY FRAUD

- Collaborator of the Chapter “Honey Marketing for the Commercial Beekeeper” by R. Phipps y S. Daberkow. *The Hive and the Honey Bee*. Dadant and Sons (Eds.) 2015. P.607-627.
- García N., 2016. A Study of the Causes of Falling Honey Prices in the International Market. *American Bee Journal*, August 2016 p. 877-882.
- García, N., 2016. Prix du Miel, l’effondrement. *Abeilles & Cie*, Septembre-Octobre 2016 p. 31-36.
- García, N., 2016. Análisis de las Posibles Causas de la Baja del Precio Internacional de la Miel. *Gaceta del Colmenar* 2016.
- García N., 2017 and R. Phipps. International Honey Market. *American Bee Journal*, October 2017 p. 1043-1049.
- García N., 2018 and R. Phipps. International Honey Market. *American Bee Journal*, January 2018 p.1-8.
- R. Phipps and N. García, 2018. International Honey Market Report. *American Bee Journal*, April 2018, p. 383- 388.
- Garcia, N., 2018. Falsches Spiel auf dem Honigmarkt. *Deutsches Bienen-Journal* 4:6-9.
- García, N., 2018. The Current Situation on the International Honey Market. *Bee World* 95(3) 89-94.
- Collaborator of the publication “Beekeeping contributes to achieve the Sustainable Development Goals”, 2020. Apimondia (Ed.), 160 pp. ISBN 978-88-7643-100-5. Available from: www.apimondia.com.
- García, N. and S. Schwarzinger, 2020. Honey Fraud. In: R. Hellberg, S. Sklare, and K. Everstine (Eds.) *Food Fraud: A Global Threat with Public Health & Economic Consequences*. Elsevier. p. 309-334.
- Karen Everstine, K., G. Clapper and N. Garcia, 2021. Why Is Honey Fraud Such a Problem? *Food Safety Tech*. Food Fraud Quick Bites September 2021. Available from: <https://foodsafetytech.com/column/why-is-honey-fraud-such-a-problem/>
- Nascel, J., M. Amadei, and N. García, 2022. Collaborative approaches to honey adulteration detection. *Medical Life Sciences* Jan. 10 2022. Available from: <https://www.news-medical.net/news/20220110/Collaborative-approaches-to-honey-adulteration-detection.aspx>.
- García, N., E. Bedascarrasbure, J. Nascel, M. Palacio, and S. Rojo, 2023. Fraud in the International

Honey Market. In: C. Dini and N. García (Eds.) Manual of Good Beekeeping Practices in Artificial Feeding of Bees. INTA. 102 pp.

- Cabrera, C., E. Figini, A. Lorenzo, J. Moja, and N. García, 2023. Good Beekeeping Practices in Artificial Feeding of Colonies. In: C. Dini and N. García (Eds.) Manual of Good Beekeeping Practices in Artificial Feeding of Bees. INTA. 102 pp.
- García, N. and M. Amadei Enghelmayer, 2025. The Complexity of Honey Fraud Detection. *Bee World* 102 (1): 8–14.

OTHER PUBLICATIONS ON HONEY FRAUD

- Coordinator of the publication “Apimondia Statement on Honey Fraud”, version 2020 in English, Spanish, and Chinese. Available at: www.apimondia.org.
- Chairman of the Panel of Experts of the U.S. Pharmacopeia responsible for the preparation of the Honey Identity Standard 2020. Available at: <https://www.foodchemicalscodex.org/fcc-forum>.
- Coordinator of the publication “Apimondia Statement on Vegan Honey”, version 2023 in English, and Spanish. Available at: www.apimondia.org.
- Coordinator of the publication “Apimondia Statement on Immature Honey Production”. *Bee World* 10 (2):56-60-

INTERVIEWS ON HONEY FRAUD

- **Le miel : une demande colossale... et une offre qui n'arrive pas à suivre.** *Le Figaro* 10/29/2016. (<http://www.lefigaro.fr/conjoncture/2016/10/29/20002-20161029ARTFIG00061-le-marche-international-du-miel-inonde-de-produits-frauduleux.php>)
- **Rencontre avec Norberto Garcia, président de l’IHEO.** *Abeilles et Fleurs* No. 789. January 2017.
- **Miel étranger pas trafique.** *On en parle.* Swiss Radio. SWITZERLAND. (<https://www.rts.ch/la-1ere/programmes/on-en-parle/8933395-miel-etranger-pas-trafique-04-10-2017.html?mediaShare=1>)
- **Ils not pas été trafiques avec du sucre.** *Bon à Savoir.* SWITZERLAND. (<https://www.bonasavoir.ch/925789-ils-nont-pas-ete-trafiques-avec-du-sucre>)
- **Honeygate: How Europe is being flooded with fake honey.** By Paola Tamma | *EURACTIV.com* Sep 8, 2017. (<http://www.euractiv.com/section/agriculture-food/news/honeygate-how-europe-is-being-flooded-with-fake-honey/>)
- **Gepanscht und verfälscht: Der große Honigswindel.** By Thomas Trescher. *Kurier.au.* 03-03-2018.

<https://kurier.at/wirtschaft/gepanscht-und-verfaelscht-der-grosse-honigschwindel/312.536.683>).

- **ROTTEN. Lawyers, Guns and Honey.** A six-part documentary by *NETFLIX*. 2018.
- **The scourge of honey fraud.** *THE ECONOMIST*, August 30th. 2018. <https://www.economist.com/united-states/2018/09/01/the-scourge-of-honey-fraud>
- **You'll need a lot more money to buy that jar of honey.** By Lucy Craymer. *THE WALL STREET JOURNAL*, Mayo 22, 2019. <https://www.wsj.com/articles/youll-need-a-lot-more-money-to-buy-that-jar-of-honey-11558526402>).
- **Crops at risk as coronavirus lockdown grounds bees.** By Emiko Terazono. *FINANCIAL TIMES*. APRIL 17, 2020. (<https://outline.com/7AS7FZ>).
- **From Beehive to Kitchen Table: UK Beekeepers Call for New Law to Trace Honey's Origin.** By Jon Ungeod- Thomas. *THE GUARDIAN*. FEBRUARY 17, 2024. (<https://www.theguardian.com/environment/2024/feb/17/from-beehive-to-kitchen-table-uk-beekeepers-call-for-new-law-to-trace-honeys-origin>).