

STATE OF OHIO
2024 JUN -1 AM 9:31
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Executive Department

OFFICE OF THE GOVERNOR

Columbus

I, Mike DeWine, Governor of the State of Ohio, do hereby appoint Lyda G. Garcia, Independent, from Hilliard, Franklin County, Ohio, as a Member of the Ohio Livestock Care Standards Board for a term beginning May 31, 2024 and ending at the close of business January 15, 2027, replacing Alexis M. Simoka, whose term expired.



IN WITNESS WHEREOF, I have hereunto subscribed my name and caused the Great Seal of the State of Ohio to be affixed, at Columbus, this 31st day of May in the year of our Lord, Two Thousand and Twenty Four.

Mike DeWine

Mike DeWine
Governor

BIOGRAPHICAL

SKETCH

NAME Lyda G. Garcia	POSITION TITLE Associate Professor – Meat Science		
eRA COMMONS USER NAME			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEARS(s)	FIELD OF STUDY
Texas Tech University, Lubbock TX, USA	BS	2002	Animal Science
West Texas A&M University, Canyon, TX, USA	MS	2005	Animal Science/Meat Science
Texas A&M University, College Station, TX, USA	PhD	2009	Meat Science
Texas Tech University, Lubbock, TX USA	Post-Doctoral	2010-2011	Meat Science

PROFESSIONAL EXPERIENCE:

-Associate Professor Meat Science– The Ohio State University	2021- Present
-Assistant Professor Meat Science – The Ohio State University	2015 - 2021
-Visiting Assistant Professor – Texas Tech University	2012 - 2014
-Post Doctoral – Texas Tech University	2010 - 2012
-Graduate Research Assistant – Texas A &M University	2005- 2009
-Graduate Teaching Assistant - Texas A &M University	2005- 2009
-Consultant – Meat Cuts / Food Safety, Columbia Packing, Dallas, TX	May 2009 – August 2009

RESEARCH EMPHASIS:

Applied research in the fundamentals of meat science and relating to meat industry, youth agricultural programs and adult learners.

EXTENSION RESPONSIBILITIES

Extension Meat Specialist – Fresh Meats. My role is to serve the state of Ohio in problem solving from livestock practices to meat quality.

- Work with rural and urban communities on challenges/problems.
- Assist Ohio meat processors with problem solving and improving business
- Provide educational extension programs on topics relating to livestock practices and meat quality.
- Work with youth agricultural programs (4H and FFA)
- Serve as carcass judge for county fair carcass shows
- Collaborate with commodity groups and state agencies in identifying needs of the Ohio meat industry

TEACHING RESPONSIBILITIES

- MEATSCI 3110 – Introduction to Meat Evaluation (Fall/Spring)
- MEATSCI 3210 – Harvest and Fabrication (Spring)
- MEATSCI 3310 – Meat Carcass Evaluation (Fall)

INTERNATIONAL EFFORTS

- 2018 – 2019 Mexico: Monterrey and Tamaulipas - Consulted for two beef packing plants needing consulting for meat quality issues.
- 2017 Israel: Worked with a cooperative beef producer group in developing new practices in increasing muscle mass and marbling (quality).

PROFESSIONAL SERVICE

American Meat Science Association

- Member
- Intercollegiate Meat Coaches Association – President Elect
- Outreach and Engagement, Upcoming President

Animal Society of Animal Science 2015 – Present: Member

PUBLICATIONS:

- J.T. Parkinson, H.J. Cochran, J.D. Kieffer, A.E. Relling, S.L. Boyles, R.E. Kopec, **L.G. Garcia** (corresponding author). 2023. The effects of different feeding strategies providing different levels of vitamin A on animal performance, carcass traits, and the conversion rate of subcutaneous fat color in cull-cows. Translational Animal Sciences. 70% Contribution. Effort: Lead in project design, organization, data collection with graduate student. Accepted..
- Bo M. C. Garcia (graduate student), Benjamin M. Bohrer, Stephen L. Boyles, Joy N. Rumble, Alejandro E. Relling, **Lyda G. Garcia** (corresponding author). 2022. Ohio Beef Quality Audit – 2021: Survey of Carcass Characteristics Related to Quality Attributes and the Investigation of Meat Processor Needs. Journal of Extension. Submitted. 100% Contribution. Effort: Designed, organized, and collected data with graduate student. Under Review.
- Wells, K (PI)., Bruynis, C., and **Garcia, L.** 2022. On-Farm Hog Processing Demonstration for Teenage Exhibitors: Blending Academic, Laboratory, and Farm-Based Learning. Journal of Extension. Submitted. 70% Contribution. Effort: Assisted in designing and organizing program as well as personally conducting hands-on lessons (harvest, meat cutting, grinding, packaging and sensory evaluation). Program focused on proper practices of food animal processing on farm focusing on Animal Welfare, Good Manufacturing Practices, Safety Sanitation Operating Procedures and Food Safety. Accepted 2023.
- Garza, T., Jaborek, J., Zerby, H.N., Moeller, S.J., Wick, M. P., Fluharty, F.L., England, E.M., and **Garcia, L.G.** 2021. The effects of age, sex, and hot carcass weight on cooked lamb flavor and off-flavor in four muscle cuts. Transl Anim Sci 10;5(3). doi: 10.1093/tas/txab083
- Andrea J. Garmyn, **Lyda G. Garcia**, Kari S. Spivey, Rod J. Polkinghorne, and Mark F. Miller. 2020. Consumer Palatability of Beef Muscles from Australian and US Production Systems With or Without Enhancement. Meat and Muscle Biology 4(1):1–12 (2020).

- Choi, Y.M.; **Garcia, L.G.**, and Lee, K. 2019. Correlations of Sensory Quality Characteristics with Intramuscular Fat Content and Bundle Characteristics in Bovine Longissimus Thoracis Muscle. Food Sci. Anim. Resour. 2019 April 39(2):197~208.
- Jaborek, J.R.; Zerby, H.N.; Moeller, S.J.; Wick, M.P.; Fluharty, F.L.; Garza, H. III; **Garcia, L.G.**; and England, E.M. 2018. Effect of Energy Source and Level, and Animal Age and Sex on Meat Characteristics of Sheep. Small Ruminant Research 166 pp 53-60.

HONORS AND AWARDS

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| 2024 | Woman WELDINIG the Way Honoree. Women for Economic and Leadership Development: WELD. Columbus Chapter. City of Columbus. Purpose: Identifying and Honoring Women Leaders in their professional areas.
https://www.weldusa.org/members/group_content_view.asp?group=192500&id=746830 |
| 2021 | Ohio National Association County Agricultural Agents Search for Excellence Awards National Winne – Search for Excellence in Livestock Production. State Winner. |
| 2020 | Educator Award. North American Colleges and Teachers of Agriculture (NACTA). Excellence in post-secondary instruction in agriculture. |
| 2019 | Rodney F. Plimpton Outstanding Teaching Award. College of Food Agriculture and Environmental Sciences, Ohio State University. |
| 2018 | Honorary State FFA Degree. 90th Annual Ohio FFA State Convention. |
| 2017 | Faculty Honor. Sphinx Senior Class Honorary and Mortat Board Senior Honor Society. 28th Annual Faculty and Staff Recognition Reception. Recognized by Sierra Jepsen. |
| 2017 | OSU STEP: Institutional Excellence for Students in Transition – Team Member, National Resource Center for Students in Transition. |

GOVERNOR'S APPOINTMENTS TO BOARDS AND COMMISSIONS

Appointment Date: 5/31/2024

Name of Appointee: Lyda G. Garcia

Address: 5989 Heritage Farms Ct
Hilliard, OH 43026
Franklin County
(H): 6149439440
(W): 6142923642
(M): 6149439440
(E): garcia.625@osu.edu

Name of Commission: Ohio Livestock Care Standards Board
Tracy Intihar
Assistant Director
Ohio Dept. of Agriculture
8995 East Main Street
Reynoldsburg, OH 43068
(P): (614) 644-5812
(E): Tracy.Intihar@agri.ohio.gov

Term Begins: 1/16/2024

Term Ends: 1/15/2027

Party Affiliation: Independent

Senate Confirmation: Appointed by the Governor, confirmed by the Senate

Financial Disclosure: Public disclosure required

Vice: Alexis M. Simoka