

**Maria Consuelo Donato Molina**

Dept. of Agriculture, Agribusiness, & Environmental Science  
College of Agriculture and Natural Resources  
Texas A&M University-Kingsville (TAMUK)

1994-1995 Vice National Director of the òIntegrated Rural Development Fund: Fondo de Desarrollo Rural Integrado, DRI.ò Ministry (Department) of Agriculture, Bogotá, Colombia.

**FUNDED GRANTS TAMU-KINGSVILLE**

<u>Year</u>	<u>Total Funds</u>	<u>as P.D/P. I</u>	<u>as Co-PD/Co-P. I</u>
2018	\$ 265,000	\$165,000	\$100,000
2019	\$ 155,000	\$	\$155,000
2020	\$275,000	\$	\$275,000
2021	\$1,725,314	\$	\$1,725,314
2022	\$309,250	\$	\$309,250
2023	\$387,440	\$	\$387,440

**Funded Grants:**

- \$ 165,000 USDA-NIFA Post-Doctoral Fellows grants.** START ACTING: Student Track & Awareness in Relation to Agriculture Careers, Transition between Institutions & Novel Gain. M.C. Donato (PD), S.D. Nelson (Co-PD). (6/18-5/21).
- \$ 100,000 USDA-NRCS.** Provide NRCS Educational Tours, Internships and Career Opportunities for Hispanic and Other Students. T. Machado (PD), S.D. Nelson, M.C. Donato, R. Stanko, D. Sotomayor (UPRM). 9/1/2018-07/01/2020.
- \$ 155,000 USDA-NRCS.** Provide NRCS Educational Tours, Internships and Career Opportunities for Hispanic and Other Students. T. Machado (PD), S.D. Nelson, M.C. Donato, R. Stanko, D. Sotomayor (UPRM). 9/1/2019-07/01/2021
- \$275,000 USDA-NIFA-HSI regular grant program. AgriCULTURE.** PD: M. Velez-Hernandez, CoPDs: S. Nelson, T. Machado, M. C. Donato. 9/1/20-8/31/2024.
- \$150,000 USDA-NRCS.** Natural Resource Career Development Program and NRCS Educational Tours. T. Machado (PD), M.C. Donato, R. Stanko, and S.D. Nelson. 9/1/2021-07/01/2023
- \$200,000 USDA-NIFA- AFRI -Multicultural Scholars grant program. Pre-Vet Experiential Agriculture Learning (M-SPEAL).** PD: T. Machado, Co-PDs: C. Donato, M. Garcia, J. Apple, S. Nelson. 9/1/21-8/31/24.
- \$975,314 USDA-NIFA HSI collaborative grant program. GO START NOW.** TAMUK lead, FIU and UPRM. PD: R. Stanko, CoPDs: S. Nelson, S. Chumbley, M. Consuelo Donato, T. Machado, A. Bhandari, G. Schuster, K. Jayachandran (FIU), D. Sotomayor (UPRM), et. al. 9/1/21-8/31/25.
- \$400,000 USDA-NIFA-AFRI REEU grant program. The Drone WAVE FACTOR.** PD: H. Perotto, CoPDs: M.C. Donato, E. Tanner, N. Mast. 9/1/21-8/31/2025
- \$257,000 USDA-NIFA-HSI regular grant program. Connecting the Dots** in the Global Fresh Produce Market. PD: V. Ancona, M.C. Donato, J. Cabrera. 9/1/22-8/31/26.
- \$ 34,250 Partners of the Americas Foundation** (in collaboration with the Bureau of Western Hemisphere Affairs of the U.S. Department of State-WHA/DOS). Data Analysis and Entrepreneurship: A Binational (U.S. ó Brazil) Faculty and Student Exchange program. J. Espiritu (PD Lead), C. Donato, F.O. Aguirre, H.A. Taboada, and S.D. Nelson. 12/7/22-12/31/23.

**\$237,440** USDA-NIFA HSI collaborative grant program. Educating the Future Workforce of Underrepresented Students in International Agriculture. St. Maryø lead, TAMUK, Norman Borlaug Institute-TAMU. TAMUK PD: G. Schuster, Co-PDs: M.C. Donato, D. Friend. 9/1/2023-8/31/27

**\$150,000** USDA-NRCS. Natural Resource Career Development Program and NRCS Educational Tours. T. Machado (PD), M.C. Donato, R. Stanko, and S. Dattamudi

2024	Costa Rica Workshop	5
2024	Puerto Rico - AgriCULTURE Tour	5

2022-currently Curatorial Council Member for the òRe-Envisioning the Conner Museum & South Texas Archivesö

2022-currently

## REFERRED JOURNAL ARTICLES

Meagher, Anoruo, A., Turner, B., Holland, P., Nelson, S.D., **Donato-Molina, M.C.** 2024. Patch growth of seashore paspalum (*Paspalum vaginatum*) treated with inorganic fertilizer and organic biostimulant. Open Journal of Environmental Biology. DOI: <https://dx.doi.org/10.17352/ojeb>

Morgan, E.I., Zamora, E., Nelson, S. D., **Donato-Molina, M. C** and Anoruo, A. 2024. Effects of deficit irrigation in pepper plants (*Capsicum annuum*) grown under greenhouse conditions. World J. Agri. & Soil Sci. 9(2):1-7. DOI:10.33552/WJASS.2024.09.000709

Anoruo, A., Turner, B., Garcia, M., Nelson, S., **Donato-Molina, M.C.** 2024. Morphological and Anatomical Development of *Solanum lycopersicum* Seedling Grown with Non-Conventional Water. Int J Agri Res Env Sci. 2024;5(1):1-4. DOI: 10.51626/ijares.2024.05.00039

## NON-REFERRED PUBLICATIONS

Nelson, S., Stanko, R., **Donato, C.** January 2021. Start Now to Reap the Rewards Later. Futurum Sci-Comm publishing. Pg 1-6. <https://doi.org/10.33424/FUTURUM98>

Perotto, H., Hewitt, D., Ortega-S, A., Foley, A., DeYoung, R., Brennan, L., Kuvlesky, W., Hernandez, F., Tanner, E., Fulbright, T., Bell, N., **Donato, C.** The Drone Program at CKWRI: 5 Years in the Skies. Caesar Kleberg Tracks 7(1), Spring 2022 pages 4-7.

## PROFESSIONAL CONFERENCE PRESENTATIONS

S.D. Nelson, R.L. Stanko, **C. Donato-Molina**, T. Machado, S. Chumbley, D. Sotomayor, K. Jayachandran, and M. Bhat. Getting occupational student training in agricultural research through novel workshops. Panel: *Investing in Equity & Agriculture: USDA-funded Collaborations at Hispanic-Serving Institutions*. A Community on Ecosystem Services (ACES) Conference. Austin, TX. Dec. 9-12, 2024 (Invited).

Velez-Hernandez, M., **Donato-Molina, M.C.** (Co-Presenters). **Agriculture Connections to USDA: Lifestyle and Training of Undergraduates thru Real world Experiences (AgriCULTURE)**. Workshop. NACTA Annual Conference, Wooster, OH, June 24-28, 2024.

Tanguma, K., Perotto, H., **Donato, M. C.**, Falk, F., Tolleson, D., Nelson, S. Linking Soil Moisture with Photosynthetic Activity with very high-resolution imagery. Texas Section Society for Range Management, Bastrop, TX, October 2023. 0 612 792 reW\* nBT/F2 12 Tf1 0 0 1 203.21 239.57 Tm0

Tanguma, K., Perotto, H., Falk, A., Massey, L., Avila, J., Ortega, A., Tanner, E., **Donato, C.**, Nelson, S. "Measuring Water and Nutrients in Rangeland Grass Species: what can we learn from drone data?" Texas Section Society for Range Management, Denton, TX, October 19-21, 2022 (graduate poster).

**Donato, C.** "USDA Funding for Increasing Hispanic Students' Success in Agricultural Careers." Speaker at the Rotary Club-Kingsville Meeting. April 5, 2022. (oral)

**Donato, C.** "USDA Funding for Increasing Hispanic Students' Success in Agricultural Careers" Speaker at the Building Capacity and Competitiveness for over \$430M in USDA Grant Support Webinar, organized by the American Association of State Colleges and Universities, March 1, 2022 [AASCU website](#) (focus on international grants)

**Donato, C.** "Texas A&M University-Kingsville: Un Lugar para Ciudadanos del Mundo Lideres en Agricultura" FITEM: Foro de Innovación Tecnológica y Emprendimiento. Instituto Tecnológico Superior de Saltillo; Saltillo, Coahuila, Mexico. March 12-13, 2021 (virtual).

**Donato, C.**; Chumbley, S.; Nelson, S. "Impact of Students' Undergraduate Internship Experiences in the Development of Technical and Communication Skills for Agriculture." ASA, CSSA and SSSA International Annual Meeting. Virtual, November 9-13, 2020 (Oral).

**Donato, C.**; Nelson, S. "START NOW for Increasing Hispanic Students in Horticultural Sciences." American Society for Horticulture Science Annual Conference. Virtual, August 10-13, 2020 (International workshop).

Venegas, B; Sanchez, Y; **Donato, C**; Ganguli, A. (Co-Presenters). "Career with USDA-NRCS, Guiding Students on Internship Opportunities. Latinos in Agriculture Leaders Conference, Dallas, Texas, November 8, 2018. (Oral)

**Donato, C.** "Mexican and Mexican-American farmworkers and the American Dream." South Central Modern Language Association Conference. San Antonio, October 13, 2018. (Oral)

**Donato, C.** "Sueños y pesadillas de trabajadores rurales migrantes en tres novelas chicanas: ... *Y no se lo trago la tierra, Corazón descalzo y Under the Feet of Jesus*." (PhD dissertation). Texas A&M University-Kingsville, Kingsville, TX. April 19, 2017. (Oral)

**Donato, C**; Hartwig, R. "The Peace process in Colombia"

Stanko, R; Nelson, S; Machado, T; Schuster, G; **Donato, C**; "Finding Balance in Undergraduate Research for Graduate School and Career Preparation in Agricultural Sciences." 2016 North American Colleges and Teachers of Agriculture (NACTA) Conference, University of Hawaii, Manoa. June 21, 2016. (Oral)

Nelson, S; Stanko, R; Machado, T; Schuster, G; **Donato, C**. Lukefahr, S. "STEP UP to USDA Career Success Program Participation Increased Graduation Rates and Final GPA of Undergraduate Agriculture Students from South Texas." 2016 North American Colleges and Teachers of Agriculture (NACTA) Conference. University of Hawaii, Manoa. June 21, 2016.



**Donato, C.** ðContinuidad y ruptura de la mentalidad colonial en Arturo Bustosö. SIGMA DELTA PI 9th Student Academic Symposium. Department of Language and Literature, Texas A&M University-Kingsville, Kingsville, TX. November 1, 2012. (Oral)

### **PROFESSIONAL ASSOCIATIONS**

TAMUK-Hispanic Faculty Council, 2020 - currently

Spanish National Honor Society, chapter Texas A&M Kingsville.

North American Colleges and Teachers of Agriculture, NACTA

SIGMA DELTA PHI, Language & Literature. Chapter Texas A&M University-Kingsville

The Honor Society of PHI KAPPA PHI

Minorities in Agriculture, Natural Resources, and Related Sciences ó Texas A&M University-Kingsville. Faculty advisor.

ASA, CSSA and SSSA member

### **STUDY ABROAD PROGRAMS**

2014. Cultural Studies. Texas A&M University-Kingsville to Morocco and Spain.

2013. Cultural Studies. Texas A&M University-Kingsville to Puerto Rico.