

CV: Camilo Humberto Parada Rojas

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North Carolina Plant Sciences Initiative

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EDUCATION

- 2017 – present** Ph.D. candidate in Plant Pathology. Department of Entomology and Plant Pathology, North Carolina State University Raleigh, North Carolina, United States
Thesis title: “Characterizing the resistance gene and effector repertoire in sweetpotato and *Ceratocystis fimbriata* interactions” Committee: Drs. Lina M. Quesada-Ocampo, Eric Davis, Hamid Ashrafi, and Peter Balint-Kurti
- 2015 – 2017** M.S. in Plant Pathology. Department of Entomology and Plant Pathology, North Carolina State University Raleigh, North Carolina, United States Thesis title: “Novel Microsatellite Markers for the Analysis of *Phytophthora capsici* Populations and Host Resistance for Management of Phytophthora Blight of Pepper”
- 2009 – 2014** B.S. in Biotechnological Engineering. Francisco de Paula Santander University (UFPS) Cucuta, Norte de Santander, Colombia

RESEARCH PUBLICATIONS

- 12. Parada-Rojas C. H.**, Stahr M., Childs K., and Quesada-Ocampo L. M. (202X) Effector repertoire of sweetpotato black rot fungal pathogen *Ceratocystis fimbriata*. MPMI: [In preparation](#)
- 11. Parada-Rojas C. H.**, Childs K., Fernandez de Soto M., Salcedo A., Pecota K., Yencho G. C., Almeyda C., Kitavi M., C. Buell R., Conant G., Baltzegar D., and Quesada-Ocampo L. M. (202X) A reference-quality NLRome for the hexaploidy sweetpotato and diploid wild relatives. New Phytologist: [In preparation](#)
- 10. Parada-Rojas C. H.**, Butler S., Bertone M., Quesada-Ocampo L. M. (202X) First Report of Alternaria Leaf Blight on Purple Carrots in North Carolina. Plant Disease: [under review](#).
- 9.** Stahr M. N., **Parada-Rojas C. H.**, Childs K., and Quesada-Ocampo L. M. (202X) Development of species-specific primers using long- and short-read sequencing technology for the fungal pathogen, *Ceratocystis fimbriata*. Phytopathology: [under review](#).
- 8.** Quesada-Ocampo L. M., **Parada-Rojas C. H.**, Hansen V., Vogel G., Smart C., Hausbeck M.K., Carmo R.M., Huitema E., Naegele R.P., Kousik C.S., Tandy P., and Lamour K. (2023) *Phytophthora capsici*: Recent progress on fundamental biology and disease management 100 years after its description. Annual Reviews in Phytopathology: [in press](#).
- 7.** Sanogo S., Lamour K., Kousik C. S., Lozada D. N., **Parada-Rojas C. H.**, Quesada-Ocampo L. M., Wyenandt C.A., Babadoost M., Hausbeck M., Hansen Z., Ali E., McGrath M., Hu J., Crosby K., and Miller S. (2022) *Phytophthora capsici*, 100 Years Later: Research Mile Markers from 1922 to 2022. Phytopathology: [in press](#).

6. **Parada-Rojas C. H.** and Quesada-Ocampo L. M. (2022) *Phytophthora capsici* populations are structured by geography, host, and fluopicolide sensitivity. *Phytopathology*: <https://doi.org/10.1094/PHYTO-09-21-0403-R>
5. **Parada-Rojas C. H.**, Granke L. L., Naegele R. P., Hansen Z., Hausbeck M. K., Kousik S., McGrath M. T., Smart C., and Quesada-Ocampo L. M. (2021) A diagnostic guide of *Phytophthora capsici* infecting vegetable crops. *Plant Health Progress*: *Invited paper for Managing Stubborn Oomycetes Special Issue [Plant Health Progress 22: 404-414](#)
4. **Parada-Rojas C. H.**, Pecota, K., Almeyda, C., Yencho, G. C., & Quesada-Ocampo, L. (2021) Sweetpotato root development influences susceptibility to black rot caused by the fungal pathogen *Ceratocystis fimbriata*. [Phytopathology 111: 1660-1669](#)
3. **Parada-Rojas C. H.** and Quesada-Ocampo L. M. (2019) Characterizing sources of resistance to Phytophthora blight of pepper caused by *Phytophthora capsici* in North Carolina. [Plant Health Progress 20: 112-119](#)
2. **Parada-Rojas C. H.** and Quesada-Ocampo L. M. (2018) Analysis of microsatellites from transcriptome sequences of *Phytophthora capsici* and applications for population studies. [Scientific Reports 8: 5194](#)
1. Kousik C., **Parada-Rojas C. H.**, and Quesada-Ocampo L. M. (2015) First report of *Phytophthora* fruit rot on bitter melon (*Mormodica charantia*) and sponge gourd (*Luffa cylindrica*) caused by *Phytophthora capsici*. [Plant Health Progress 16: 93-94](#)

EXTENSION PUBLICATIONS & PEST ALERTS

13. **Parada-Rojas C. H.** and Quesada-Ocampo L. M. (2022) EPA Issues Label Approving Mertect in Sweetpotatoes. Extension Plant Pathology Portal. July 27, 2022.
12. **Parada-Rojas C. H.** and Quesada-Ocampo L. M. (2021) How to identify and manage sweetpotato scurf caused by *Monilochaetes infusans*. Extension Plant Pathology Portal.
11. **Parada-Rojas C. H.** and Quesada-Ocampo L. M. (2021) Section 18 label renewal approved for use of Mertect (thiabendazole) for control of sweetpotato black rot postharvest in domestic markets. Extension Plant Pathology Portal.
10. Adams M. L., **Parada-Rojas C. H.**, Collins H., and Quesada-Ocampo L. M. (2019) Evaluation of fungicides for control of *Phytophthora* blight of pepper, Clayton 2018. *Plant Disease Management Reports* 13: V064.
9. Adams M. L., **Parada-Rojas C. H.**, Collins H., and Quesada-Ocampo L. M. (2018) Evaluation of fungicides for control of *Phytophthora* blight on pepper, Clayton 2017. *Plant Disease Management Reports* 12: V117.
8. Adams M. L., **Parada-Rojas C. H.**, and Quesada-Ocampo L. M. (2017) Evaluation of fungicides for control of *Phytophthora* blight of pepper, Jackson Springs 2016. *Plant Disease Management Reports* 11: V095.
7. Adams M. L., **Parada-Rojas C. H.**, and Quesada-Ocampo L. M. (2017) Evaluation of fungicides for control of *Phytophthora* fruit rot of watermelon, Kinston 2016. *Plant Disease Management Reports* 11: V111.

6. **Parada-Rojas C. H.** and Quesada-Ocampo L. M. (2017) Evaluation of pepper cultivars for Phytophthora blight resistance, Jackson Springs 2016. Plant Disease Management Reports: V033.
5. **Parada-Rojas C. H.** and Quesada-Ocampo L. M. (2017) Evaluation of pepper cultivars for Phytophthora blight resistance, Jackson Springs 2015. Plant Disease Management Reports: V034.
4. **Parada-Rojas C. H.** and Quesada-Ocampo L. M. (2017) Evaluation of fungicides for control of Phytophthora blight of pepper, Jackson Springs 2016. Plant Disease Management Reports: V095.
3. Quesada-Ocampo L. M. and **Parada-Rojas C. H.** (2015) Phytophthora blight of peppers. Vegetable Pathology Factsheets. NC State Extension Publications. URL: <http://content.ces.ncsu.edu/phytophthora-blight-of-peppers>
2. Adams M. L., **Parada-Rojas C. H.**, and Quesada-Ocampo L. M. (2015) Evaluation of fungicides for control of downy mildew on cucumber, Kinston 2014. Plant Disease Management Reports 9: V081.
1. Adams M. L., **Parada-Rojas C. H.**, and Quesada-Ocampo L. M. (2015) Evaluation of fungicides for control of downy mildew on cucumber, Kinston II 2014. Plant Disease Management Reports 9: V085.

BOOK CHAPTERS

3. Egel D., Adkins S., Wintermantel B., Keinath T., D'Arcangelo K., **Parada-Rojas C. H.**, Rennberger G., Toporek S., Hausbeck M., and Quesada-Ocampo L. (2022) Diseases of cucumbers, melons, pumpkins, squash, and watermelons. In: Handbook of Plant Disease Management. Handbook of Vegetable and Herb Diseases. Editors: Elmer W., McGrath M. T., and McGovern R. Springer.
2. Salcedo A., **Parada-Rojas C. H.**, Guerrero R., Stahr M., D'Arcangelo K.N., McGregor C., Kousik C. S., Wehner T., and Quesada-Ocampo L. M. (2022) The NLR family of disease resistance genes in cultivated watermelon and other cucurbits: opportunities and challenges. Chapter 3. In: The Watermelon Genome. Editors: Dutta S. K. and Reddy U. Springer. *in press*.
1. **Parada-Rojas C. H.**, Quesada-Ocampo L. M. (2021) Uncovering the NLR family of disease resistance genes in cultivated sweetpotato and wild relatives. Chapter 3. In: Postharvest Pathology: Next Generation Solutions to Reducing Losses and Enhancing Safety. Springer.

AWARDS (Total awarded \$210,900)

- 2023 Friends of IPM awards presentations, Durham, NC (\$3000)
- 2022 3rd Place NCSU Graduate Research Symposium, Raleigh, NC (\$250)
- 2021 The Storkan - Hanes - McCaslin Research Foundation Grant Award (\$10,000)
- 2020 APS student award to support attendance at the APS Annual Meeting: Plant Health 2020*
- 2018 Foundation for Food and Agriculture Research Fellowship Program (\$195,000)
- 2018 Graduate student oral presentation National Sweetpotato Collaborators Group (\$150)

- 2017 Award to attend the Oomycete Molecular Genetics Network Meeting, Asilomar, CA (\$1,400)
- 2016 Stephen A. Johnston Student Travel Award from APS Foundation Board (\$500)
- 2015 Award to attend the Summer Bioinformatics Training Workshop, Blacksburg, VA (\$600)

**Meeting was moved to virtual attendance due to Covid-19*

POSTERS & PRESENTATIONS

- 2023 **Parada-Rojas C. H.**, Stahr M., Childs K., Fernandez de Soto M., Salcedo A., Pecota K., Yencho G. C., Almeyda C., Kitavi M., C. Buell R., Conant G., Baltzegar D., and Quesada-Ocampo L. M. Improving Knowledge of Host Resistance Against Soilborne Vegetable Pathogens. SIPS Plant Pathology & Plant-Microbe Biology Spring Seminar Series, Geneva, NY, March (*Invited Oral Presentation*)
- Parada-Rojas C. H.**, Childs K., Fernandez de Soto M., Salcedo A., Pecota K., Yencho G. C., Almeyda C., Kitavi M., C. Buell R., Conant G., Baltzegar D., and Quesada-Ocampo L. M. A diverse catalog of NLR genes in hexaploid sweetpotato cultivars. American Phytopathological Society 100th Southern Division, Durham, NC, February (*Oral Presentation*)
- Parada-Rojas C. H.**, Childs K., Fernandez de Soto M., Salcedo A., Pecota K., Yencho G. C., Almeyda C., Kitavi M., C. Buell R., Conant G., Baltzegar D., and Quesada-Ocampo L. M. Unveiling NLR Gene Diversity in Hexaploid Sweetpotato Cultivars. National Sweetpotato Collaborators Group Annual Conference, Wilmington, NC, January (*Oral Presentation*)
- 2022 **Parada-Rojas C. H.** and Quesada-Ocampo L. M. *Phytophthora capsici* populations structure by host, geography, and fluopicolide sensitivity. Cucurbitaceae, Naples, Florida, November (*Poster*)
- Parada-Rojas C. H.** and Quesada-Ocampo L. M. *Phytophthora capsici* populations structure by host, geography, and fluopicolide sensitivity. American Phytopathological Society Meeting, Plant Health 2022, Pittsburgh, Pennsylvania, August (*Poster*)
- Parada-Rojas C. H.**, Stahr M., Childs K., and Quesada-Ocampo L. M. Revealing the effector repertoire of the sweetpotato black rot fungal pathogen *Ceratocystis fimbriata*. American Phytopathological Society Meeting, Plant Health 2022, Pittsburgh, Pennsylvania, August (*Oral Presentation*)
- Parada-Rojas C. H.**, Pecota K., Almeyda C., Yencho G. C., Childs K., and Quesada-Ocampo L. M. Unveiling NLR gene diversity in hexaploid sweetpotato cultivars. American Phytopathological Society Meeting, Plant Health 2022, Pittsburgh, Pennsylvania, August (*Oral Presentation*)
- Ketzes K.R., **Parada-Rojas C. H.**, Quesada-Ocampo L. M. Cataloging NLRs to get closer to pathogen-resistant sweetpotatoes. Undergraduate Research and Creativity Symposium. North Carolina State University. Raleigh, North Carolina. July (*Poster*)
- Parada-Rojas C. H.**, Stahr M., Childs K., and Quesada-Ocampo L. M. Expression profiling during sweetpotato black rot interaction reveals core effector repertoire. Mycological Association of America Annual Meeting, Gainesville, FL, July (*Oral Presentation*)

- Parada-Rojas C. H.**, Jansson A., Pecota K., Almeyda C., Yencho G. C., Childs K., and Quesada-Ocampo L. M. Advancing our Knowledge of Sweetpotato Resistance: From X-ray Computed Tomography Phenotyping to the NLRome. Georgia Association of Plant Pathologist Meeting. Savannah, GA, May (*Invited Oral Presentation*)
- Parada-Rojas C. H.**, Pecota K., Almeyda C., Yencho G. C., Childs K., and Quesada-Ocampo L. M. Advancing our knowledge of sweetpotato disease resistance: one NLRome at a time. NC State University Graduate Symposium, Raleigh, NC, April (*Invited Poster*)
- Parada-Rojas C. H.**, Pecota K., Almeyda C., Yencho G. C., Childs K., and Quesada-Ocampo L. M. Advancing our knowledge of sweetpotato resistance: one NLRome at a time. American Phytopathological Society - Caribbean Division, San Juan, PR, March (*Invited Oral Presentation*)
- Parada-Rojas C. H.**, Stahr M., Childs K., and Quesada-Ocampo L. M. Revealing the effector repertoire of the sweetpotato black rot fungal pathogen *Ceratocystis fimbriata*. 31st Fungal Genetics Conference, Pacific Grove, CA, March (*Poster*)
- 2021 Salcedo, A., **Parada-Rojas C. H.**, Purayannur S., Quesada-Ocampo L. M. Accelerating Resistance Breeding in Cucurbits. CucCAP2 meeting, Virtual Meeting, October (*Oral Presentation*)
- Parada-Rojas C. H.** and Quesada-Ocampo L. M. Exposing the catalog of NLR genes in cultivated hexaploid sweetpotato. International Society for Molecular Plant-Microbe Interactions Congress eSymposia series, September (*Poster*)
- Samson D., Collins H., Adams M., **Parada-Rojas C. H.**, Quesada-Ocampo L.M. First Report of Alternaria Leaf Blight on Purple Carrots in North Carolina. Summer Undergraduate Research Symposium, Raleigh, NC, August (*Poster*)
- Parada-Rojas C. H.** and Quesada-Ocampo L. M. Revealing the NLRome of cultivated hexaploid sweetpotato. American Phytopathological Society Annual Meeting, Plant Health, Memphis, TN, August (*Poster*)
- Stahr, M. N., **Parada-Rojas C. H.**, Childs K., and Quesada-Ocampo, L. M. Development of a species-specific diagnostic assay for *Ceratocystis fimbriata* using a high-quality genome assembly and comparative genomic analysis. American Phytopathological Society Annual Meeting, Plant Health 2021, Memphis, TN, August (*Poster*)
- Parada-Rojas C. H.**, Jansson A., C. Almeyda, Pecota K., Yencho G.C., Quesada-Ocampo L. M. Advancing our Knowledge of Sweetpotato Resistance: From X-ray Computed Tomography Phenotyping to the NLRome. NC State Plant Pathology Graduate Student Symposium. Raleigh, NC, April (*Oral presentation*)
- Parada-Rojas C. H.**, Jansson A., Pecota K., Yencho G.C., Quesada-Ocampo L. M. No trespassing! Barrier zone in the sweetpotato storage root prevents expansion of *Ceratocystis fimbriata* infections. Annual Southern Division American Phytopathological Society Meeting, Virtual Meeting, February (*Oral presentation*)
- 2020 **Parada-Rojas C. H.**, Pecota K., Yencho G.C., and Quesada-Ocampo L. M. Cytological changes in sweetpotato storage root cambium in relationship with age-related resistance to *Ceratocystis fimbriata*. American Phytopathological Society Annual Meeting, Plant Health, Virtual meeting, August (*Poster*)

- Parada-Rojas C. H.**, Pecota K., Yencho G.C., Quesada-Ocampo L. M. Black rot resistance in sweetpotato (*Ipomoea batatas*): a case of age-related resistance. Annual Meeting of the Southern Division-American Phytopathological Society, Charleston, SC, February (*Oral presentation*)
- Parada-Rojas C. H.**, Pecota K., Yencho G.C., Quesada-Ocampo L. M. Characterizing black rot resistance in sweetpotato (*Ipomoea batatas*) and wild relatives. National Sweetpotato Collaborators Group Annual Meeting, Nashville, TN, January (*Oral presentation*)
- 2019 **Parada-Rojas C. H.** and Quesada-Ocampo L. M. Characterizing the sweetpotato NLR resistome: diploid wild relatives genome survey and bait design. American Phytopathological Society Annual Meeting, Plant Health 2019, Cleveland, OH, August (*Oral presentation*)
- Pinzon-Pineda E.N., **Parada-Rojas C. H.**, and Quesada-Ocampo L. M. Black rot susceptibility of sweetpotato developmental stages and virulence of pre- and post-emergent *Ceratocystis fimbriata* isolates. NC State Undergraduate Research Symposium. Raleigh, NC, August (*Poster*)
- Parada-Rojas C. H.** and Quesada-Ocampo L. M. Transcriptome analysis of cultivated and wild sweetpotato reveals differences in NB-LRR resistance gene repertoire. National Sweetpotato Collaborators Group Annual Conference, Birmingham, AL, January (*Oral presentation*)
- 2018 **Parada-Rojas C. H.** and Quesada-Ocampo L. M. Transcriptome analysis of cultivated and wild sweetpotato reveals differences in NB-LRR resistance gene repertoire. International Congress of Plant Pathology, Boston, MA, August (*Oral presentation*)
- Lucia C. T., **Parada-Rojas C. H.**, and Quesada-Ocampo L. M. Evaluation of commercial sweetpotato cultivars for resistance to *Ceratocystis fimbriata*. NC State Undergraduate Research Symposium. Raleigh, NC, August. (*Poster*)
- Parada-Rojas C. H.**, and Quesada-Ocampo L. M. Transcriptome analysis of cultivated and wild sweetpotato reveals differences in NB-LRR resistance gene repertoire. PepsiCo Advanced Research, Raleigh, NC, March. (*Oral Presentation*)
- Parada-Rojas C. H.** and Quesada-Ocampo L. M. Characterizing Sources of Resistance and Fungicides to Control Black Rot Caused by *Ceratocystis fimbriata*. National Sweetpotato Collaborators Group meeting, Wilmington, NC, January (*Oral presentation*)
- 2017 **Parada-Rojas C. H.** and Quesada-Ocampo L. M. Population Structure of the Oomycete Soilborne Pathogen *Phytophthora capsici* in North Carolina. APS Annual Meeting, San Antonio, TX, August (*Oral presentation*)
- Shea Z., **Parada-Rojas C. H.**, and Quesada-Ocampo L. M. Fungicide sensitivity and population analysis of *Phytophthora capsici* in North Carolina. NC State Undergraduate Research Symposium. Raleigh, NC, August 2017. (*Poster*)
- Parada-Rojas C. H.** and Quesada-Ocampo L. M. Development of Microsatellites and Population Analyses of *Phytophthora capsici* Infecting Vegetable Crops. Oomycete Molecular Genetics Network Meeting, Pacific Grove, CA, March (*Poster*)
- Parada-Rojas C. H.**, and Quesada-Ocampo L. M. Development of microsatellites and population analysis of *Phytophthora capsici* infecting vegetable crops. Watermelon Research

- and Development Working Group Annual Meeting, Mobile, AL, February 2017. (*Oral Presentation*)
- 2016 **Parada-Rojas C. H.** and Quesada-Ocampo L. M. Evaluation of Commercial Hot and Bell Pepper cultivars for Resistance to *Phytophthora capsici*. APS Annual Meeting, Tampa, FL, August (*Poster*)
- 2015 **Parada-Rojas C. H.** and Quesada-Ocampo L. M. Development of Microsatellites from Whole-transcriptome Sequences in *Phytophthora capsici* for Population Studies. Soilborne Oomycete International Conference. Duck Key, FL, December (*Oral presentation*)
- 2014 **Parada-Rojas C. H.** and Quesada-Ocampo L. M. Design and Evaluation of Microsatellites from Whole-Genome Transcript Sequences in *Phytophthora capsici*. CPS-APS Annual Meeting, Minneapolis, MN., August (*Poster*)

EXTENSION ORAL PRESENTATIONS, POSTERS, FIELD DAYS, & TRAININGS

- 2022 **Parada-Rojas C. H.**, Pecota, K., Almeyda, C., Yencho, G. C., Childs K., and Quesada-Ocampo L.M. Advancing our knowledge of sweetpotato disease resistance: one NLRome at a time. Sweetpotato Field Day, Kinston, NC, October (*Poster*)
- Parada-Rojas C. H.**, Pecota, K., Almeyda, C., Yencho, G. C., Quesada-Ocampo L.M. Size matters! Smaller sweetpotato roots are more susceptible to black rot. Organic Commodities On-Farm Field Day. Eagle Springs, NC, August (*Poster*)
- Parada-Rojas C. H.** A Brief History of Extension and the Land Grant Mission. Plant Pathology Field Class, Extension Day, Raleigh, NC, June (*Oral Presentation*)
- 2021 **Parada-Rojas C. H.**, Pecota, K., Almeyda, C., Yencho, G. C., Quesada-Ocampo L.M. Size matters! Smaller sweetpotato roots are more susceptible to black rot. Sweetpotato field day. Clinton, NC, October. (*Poster*)
- Parada-Rojas C. H.**, Scheper L., Pigg S., Eure E., and Quesada-Ocampo L. M. (2021) Phytophthora blight of pepper diagnostics. Vegetable Pathology Agent Training Video. (*Virtual training*)
- Parada-Rojas C. H.**, Scheper L., Pigg S., Eure E., and Quesada-Ocampo L. M. (2021) Phytophthora blight of pepper management. Vegetable Pathology Agent Training Video. (*Virtual training*)
- Parada-Rojas C. H.**, Pecota K., Yencho C., and Quesada-Ocampo, L. M. Sweetpotato development influences susceptibility to black rot. Organic Commodities and Livestock Conference. Virtual meeting, March (*Oral presentation*)
- 2020 Stahr M., **Parada-Rojas C. H.**, Collins H., and Quesada-Ocampo L. M. A glimpse into postharvest pathology research to strengthen sweetpotato domestic and export markets. Sweetpotato virtual field day. Raleigh, NC, November. (*Virtual presentation*)
- 2019 Adams M., Collins H., Salcedo A., Purayannur S., Standish J., D'Arcangelo K., Stahr M., **Parada-Rojas C. H.**, Wong S., and Quesada-Ocampo L. M. Small Farms Tour: disease diagnostics and management in vegetable crops. Clayton, NC. (*Oral presentation*)

- Adams M., Collins H., Salcedo A., Purayannur S., Standish J., D'Arcangelo K., Stahr M., **Parada-Rojas C. H.**, Wong S., and Quesada-Ocampo L. M. Agent training on disease diagnostics and management in vegetable crops. Clayton and Raleigh, NC, July (*Hands-on training*).
- Parada-Rojas C. H.**, Adams M., Quesada-Ocampo, L. M. Update on Cultural and Chemical Control Strategies of Phytophthora Blight of Pepper. North Carolina Vegetable Growers Association Ag Expo. Wilmington, NC, December (*Oral presentation*)
- 2018 **Parada-Rojas C. H.**, Adams M., and Quesada-Ocampo L. M. Cultural and chemical control of Phytophthora blight of pepper. 33rd Annual Southeast Vegetable and Fruit Expo. Myrtle Beach, SC, December. (*Oral Presentation*)
- Quesada-Ocampo L. M, Meadows I., Shew B., Eure E., Mauney C., Butler S., Adams M., Collins H., Rahman A., Salcedo A., **Parada-Rojas C. H.**, D'Arcangelo K., Stahr M., Wong S., and Scruggs A. Agent training on disease diagnostics and management in vegetable crops. Extension Conference. Raleigh, NC, November. (*Hands-on training*)
- 2017 **Parada-Rojas C. H.**, Collins H., and Quesada-Ocampo L. M. Expanding the fungicide toolkit for control of black rot in sweetpotato. Sweetpotato field day. Sweetpotato field day, Clinton, NC, September. (*Oral presentation*)
- Parada-Rojas C. H.**, Adams M., and Quesada-Ocampo L. M. Phytophthora on pepper: cultural and chemical control options. 32nd Annual Southeast Vegetable and Fruit Expo. Myrtle Beach, SC, December (*Oral presentation*)
- Parada-Rojas C. H.**, Adams M., and Quesada-Ocampo L. M. Vegetable field day with AgBiome and NACRRI collaborators to learn about vegetable diseases. Clayton, NC, August (*Hands-on training*).
- 2016 Meadows I., Mauney C., Quesada-Ocampo L. M., Shew B., Butler S., Adams M., Collins H., Rahman A., Palencia E., Scruggs A., **Parada-Rojas C. H.**, Miller N., Noel N., D'Arcangelo K. N., and Stahr M. Agent training on disease diagnostics and management in vegetable crops. Extension Conference. Raleigh, NC, November. (*Hands-on training*)
- 2015 **Parada-Rojas C. H.**, Adams M. L., Quesada-Ocampo L. M. Phytophthora on Pepper: Cultural and Chemical Control Options. 30th Southeast Vegetable Expo. Myrtle Beach, SC, December (*Oral presentation*)

PUBLIC OUTREACH & INTERVIEWS

- 2021 Ford D. (2021) Ph. D. Candidate **Camilo Parada** wins prestigious award. URL: <https://cals.ncsu.edu/news/ph-d-candidate-camilo-parada-wins-prestigious-award/>
- 2019 Reeves E., **Parada-Rojas C. H.** and Becker L. Introduction to Plant Pathology with Extension Master Gardener Homeschool Gardening Program, Wake County
- Becker L. and **Parada-Rojas C. H.** Zoom: Introduction to Microscopy and Plant Biomes. Forest View Elementary, Durham, NC
- 2018 **Parada-Rojas C. H.**, D'Arcangelo K., Anthony A., and Becker L. Bugfest, NC Museum of Science, Raleigh, NC

- 2017 Koehler A., McCorkle K., **Parada-Rojas C. H.**, Becker, L. and Wallace E. Bugfest, NC Museum of Science, Raleigh, NC SciTech Expo, NC Museum of Science, Raleigh, NC
- 2016 Koehler A., McCorkle K., **Parada-Rojas C. H.** and Wallace E. What is Plant Pathology? Hands-on activities for the high school classroom. Horticulture and agrosience classes, Trinity, NC.
- Koehler A., McCorkle K., **Parada-Rojas C. H.** and Wallace E. Bugfest, NC Museum of Science, Raleigh, NC

PROFESIONAL & ACADEMIC EXPERIENCES

Professional Societies

- International Society for Molecular Plant-Microbe Interactions (IS-MPMI)
- American Phytopathological Society (APS)
Ad hoc reviewer for Plant Disease, Phytopathology, and Plant Health Progress
- American Phytopathological Society Southern Division (APS-SD)
- American Association for the Advancement of Science (AAAS)

Teaching and Mentoring roles

- Graduate level Plant Microbe Interactions course-Teaching Assistant (TA)
- Graduate level Plant Pathogen Diagnostics/Management course - Teaching Assistant (TA)

As graduated student – Interns and Undergraduate Research Assistants (URA):

Katie R. Ketzes (Biological Sciences) URA 2021-Present, Kelman Scholar

Danielle Samson (Crop Biotechnology and Genetics) URA 2021-2022

Lauren Bennett (Horticulture) URA 2020-2021

Aley McCaskill (Plant Biology) URA 2019-2020

Nicolas Pinzon (UniAndes – Wolfpack Colombia) 2019, Kelman Scholar

Claudia Lucia (Nutrition Sciences) URA 2018-2019, Kelman Scholar

Zachary Shea (Zoology) URA 2016-2018, Kelman Scholar

Emily Keller (Biochemistry) URA 2016-2018

Abel Walker (Horticulture) URA 2015-2016, Kelman Scholar

Lynde Ring (Food Science) URA 2015-2016, Kelman Scholar

SERVICE

- 2022 - present President of the HPC - Bioinformatic Users Group
- 2018 - 2022 Graduate Student representative for departmental Honors and Awards committee
- 2019 - 2021 Lead and organize the Plant Pathology Student Only Seminars
- 2018 -2019 President of NCSU Plant Pathology Graduate Student Association
- 2017-2018 Graduate Student representative for the departmental Climate committee

REFERENCES:

Dr. Lina M. Quesada Ocampo (Professor, NC State University – lmquesad@ncsu.edu)

Dr. Kevin Childs (Assistant Professor, Director of MSU Genomics Core – kchilds@msu.edu)

Dr. Liliana M. Cano (Assistant Professor, University of Florida, IRREC – lmcano@ufl.edu)

Dr. Eric L. Davis (Professor, NC State University – eric_davis@ncsu.edu)