

Curriculum Vitae Summary

Name: Mamoudou Sétamou
Current position: Professor and Executive Director – Citrus Entomology and Integrated Pest Management
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Education

- Dr. rer. Hort. 1999 Horticulture and Integrated Pest Management, University of Hannover, Germany
- M.S. 1996 Crop Science, University of Cape Coast, Ghana, West Africa
- Ing. Agron. 1992 Benin National University, Benin, West Africa
- B.S. 1990 Benin National University, Benin, West Africa

Employment History

- Texas A&M University-Kingsville Professor 9/2016-Present
- Texas A&M University-Kingsville Associate Professor 9/2010-8/2016
- Texas A&M University-Kingsville Assistant Professor 3/2006-8/2010
- USDA-ARS Research Scientist 8/2003-2/2006
- ICIPE-Kenya Senior Research Scientist 8/2002-7/2003
- Texas A&M University Assistant Research Scientist 3/2001-7/2002

List of Courses Taught

Title	Institution Where Taught	Semester Taught
1. Crop Protection	Texas A&M University-Kingsville (TTVN)	Fall 2024, Fall 2019, Spring 2018, Fall 2017, Fall 2015, Spring 2014, Fall 2012, Spring 2010, Spring 2010, Spring 2008
2. Experimental Designs and Data Analysis	Texas A&M University-Kingsville	Fall 2021, Fall 2020, Fall 2018, Spring 2017, Fall 2014, Spring 2013, Fall 2011, Spring 2009, Fall 2008, Spring 2007
3. Pesticides and the Environment	Texas A&M University-Kingsville (TTVN)	Fall 2016, Fall 2013, Spring 2011
4. Insects and the Human Society	Texas A&M University-Kingsville (Classroom)	Fall 2014, Fall 2010, Fall 2008, Fall 2006
5. Integrated Pest Management in Citrus Production	Citrus Center: Continued Grower Education	Twice annually (March and September)

Graduate Student Mentorship

I have successfully mentored and graduated 51 M.S. and 2 Ph.D. students since 2006 with their research topics spanning on all aspects of Citrus IPM.

Bibliography of Publications

I have authored and/or co-authored **170** peer-reviewed and 4 non-refereed articles related to Insect Ecology, Biological Control, Integrated Pest Management, and Horticulture (https://www.researchgate.net/profile/Mamoudou_Setamou/publications). I have published over **50** extension papers, **17** conference papers, and **8** book chapters.

Managing Editor of *Citrisphere* Newsletter:

https://www.tamuk.edu/agriculture/files_AG/citr/Newsletters/TAMU-Kingsville_Citrus_Center_Vol_32_No_1_opt.pdf

Refereed Journal Articles

2026

1. Swietlik D. & Sétamou, M. (2026). Fertigation and foliar sprays with potassium increase the size of grapefruit in Texas, USA. *HortScience* 61(6):1150–1159. 2026.
<https://doi.org/10.21273/HORTSCI19334-26>
2. O'Hara F., Cremades A., Xie N., Roldán E. L., Roy M. C., Gautam S., Sétamou M., Chittiboyina A., Anderson T.D., Stelinski L.L. & Swale D.R. (2026) Inward rectifier potassium (Kir) channel inhibitors protect citrus from the Asian citrus psyllid by inducing toxicity and inhibition of feeding. *Journal of Agricultural and Food Chemistry* 74(13).
<https://doi.org/10.1021/acs.jafc.5c17254>

2025

3. Alapati, D.K., Ancona, V., Sétamou, M., Donato, C., Nelson, S.D., Reyes-Cabrera, J. (2025). Sunflower and sunn hemp potential as summer cover crops in southern Texas. *Agronomy*. 15, 986.
4. da Graça, J. V., M. Keremane, M. Sétamou, and M. Kunta (2025). Case Study of *Candidatus Liberibacter asiaticus* and Huanglongbing Development in a Single Grapefruit Tree in Texas: A Decade of Incubation. *Subtrop. Agric. and Environ.* 76:10-13.
5. Ouro-Djobo, A., K. Obasa, J. O. Oladokun, M. Sétamou, M. Al-Rwahnih & O. J. Alabi (2025). Relative occurrence and seasonal variations of wheat-infecting viruses in Texas. *Plant Disease* DOI:10.1094/PDIS-06-25-1277-RE.
6. Pérez-Hedo, M., M. S. Hoddle, F. Alferez, L. Batista, G. A. C. Beattie, S. Chakravarty, P. Holford, F. M. Khamis, I. J. Ajene, A. Manrakhan, P. H. Fourie, M. Luis, E. Osorio-Hernández, M. Sétamou, A. Tena, P. T. Yamamoto, T. Wade, C. Zhou, N. Wang, L. L. Stelinski & A. Urbaneja (2025). Global strategies to manage Huanglongbing (HLB) and its

vectors: insights and implications for the Mediterranean region. *Entomologia Generalis* DOI:10.1127/entomologia/2024/2877

7. Sajjad Hussain, Mehwish Jan, Muhammad Fasih Khalid, Sakeena Tul-Ain Haider, Muhammad Arif Ali, Shakeel Ahmad, Samreen Sabir, Mamoudou Sétamou & Raphael Morillon (2025). Rooting for Resilience: Arbuscular Mycorrhizal Fungi (AMF) Boost Citrus Tolerance to Water Scarcity in Rangpur Lime and Carrizo Citrange Rootstocks. *Horticulturae*. <https://doi.org/10.3390/horticulturae11010024>
8. Satpute A., C. Simpson & M. Sétamou (2025). Differential nutrient contents and free amino acid levels in asymptomatic and symptomatic leaves of Huanglongbing-affected grapefruit trees. *Plants (Basel)* 2025 Sep 3;14(17):2756. doi: 10.3390/plants14172756.

2024

9. Alabi. O. J., K. Stevens, J. O. Oladokun, C. Villegas, M. S. Hwang, M. Al-Rwahnih, T. Tian, I. Hernandez, A. Ouro-Djobo, **M. Sétamou** & J. L. Jifon. 2024. Discovery and characterization of two highly divergent variants of a novel potyvirus species infecting Madagascar periwinkle (*Catharanthus roseus* L.). *Plant Disease* 108. <https://doi.org/10.1094/PDIS-02-24-0459-RE>
10. De Leon, V. S., J. Chen, G. McCollum, J.-W. Park, E. S. Louzada, **M. Sétamou** & M. Kunta. 2024. Diversity of “*Candidatus Liberibacter asiaticus*” strains in Texas revealed by prophage sequence analyses. *Plant Disease* 108: 1455-1460. <https://doi.org/10.1094/PDIS-09-23-1994-SR>
11. De Leon, D.A., Nelson, S.D., **Sétamou, M.**, Bhandari, A., Zamora, E., Zaragoza, A., Donato, M.C., Reyes-Cabrera, J. 2024. Enhanced nutrition programs to rehabilitate freeze-stressed citrus. *HortScience*. 59, 1763-1771. <https://doi.org/10.21273/HORTSCI18233-24>
12. Ninsin, K. D., P. G. C. Souza, G. C. Amaro, O. F. Aidoo, E. J. D. B. Barry, R. S. da Silva, J. Osei-Owusu, A. K. Dufuor, F. K. Ablormeti, W. K. Heve, G. Edusei, L. K. Agboyi, P. Beseh, H. A. Bofo, C. Borgemeister & **M. Sétamou**. 2024. Risk of spread of the Asian citrus psyllid *Diaphorina citri* Kuwayama (Hemiptera: Liviidae) in Ghana. *Bulletin of Entomological Research* : <https://doi.org/10.1017/S0007485324000105>.
13. Souza, P. G. C., O. F. Aidoo, F. H. V. Araújo, R. S. da Silva, P. A. Santana Junior, P. K. B. Farnezi, M. C. Picanço, **M. Sétamou**, S. Ekesi & C. Borgemeister. 2024. Modelling the potential distribution of the Asian citrus psyllid *Diaphorina citri* (Hemiptera: Liviidae) using CLIMEX. *International Journal of Tropical Insect Science* 44. doi: 10.1007/s42690-024-01191-y
14. Sidireddi, S.H., J.-W. Park, M. Gonzalez, **M. Sétamou** & M. Kunta. 2024. Loop-Mediated isothermal amplification assay for the detection of citrus canker causing bacterial variant, *Xanthomonas citri* pv. *citri* Aw strain. *Int. J. Mol. Sci.* 25, 11590. <https://doi.org/10.3390/ijms252111590>

2023

15. **Sétamou, M.**, Y.L. Soto, M. Tachin & O.J. Alabi. 2023. Report on the first detection of Asian citrus psyllid *Diaphorina citri* Kuwayama (Hemiptera: Liviidae) in the Republic of Benin, West Africa. *Sci Rep* 13, 801 (2023). <https://doi.org/10.1038/s41598-023-28030-3>
16. Aidoo, O., F. K. Ablormeti, K. D. Ninsin, A. K. Antwi-Agyakwa, J. Osei-Owusu, W. K. Heve, A. K. Dofuor, Y. L. Soto, G. Edusei, A. F. Osabutey, F. L. Sossah, C. O. Aryee, O. J. Alabi, **M. Sétamou**. 2023. First report on the presence of huanglongbing vectors (*Diaphorina citri* and *Trioza erytreae*) in Ghana. *Scientific Reports* 13: Article No. 11366. <https://doi.org/10.1038/s41598-023-37625-9>
17. Aidoo, O. F., P. G. C. Souza, R. S. Silva, P. A. S. Júnior, M. C. Picanço, W. K. Heve, R. Q. Duker, F. K. Ablormeti, **M. Sétamou** & C. Borgemeister. 2023. Modeling climate change impacts on potential global distribution of *Tamarixia radiata* Waterston (Hymenoptera: Eulophidae). *Science of the Total Environment* 864: Article no. 160962. <https://doi.org/10.1016/j.scitotenv.2022.160962>
18. Ali-Arous, S., K. Djelouah, A. Houari, O. J. Alabi, **M. Sétamou** & S. M. Sanzani. 2023. First report of *Neodidymelliopsis ranunculi* causing foliar black spot on citrus leaves in orchards of Algeria. *Crop Protection* 174. doi:[10.1016/j.cropro.2023.106422](https://doi.org/10.1016/j.cropro.2023.106422)
19. Chuang, A., L. L. Stelinski, L. Pérez Cordero, C. A. Antolinez, M. J. Rivera, **M. Sétamou** & L.M. Diepenbrock. 2023. Glycerin-based dispensers of fir oil reduce response of Asian citrus psyllid, *Diaphorina citri*, to citrus odors. *Journal of Applied Entomology* 147: 953-965. <https://doi.org/10.1111/jen.13191>
20. Danda, T., **J.-W. Park**, K. L. Timmons, **M. Sétamou**, E. S. Louzada, and **M. Kunta**. 2023. A field deployable real-time loop-mediated isothermal amplification targeting five Copy *nrdB* gene for the detection of ‘*Candidatus Liberibacter asiaticus*’ in citrus. *Plant Pathology*. J. 39(4) : 309-318. <https://doi.org/10.5423/PPJ.OA.02.2023.0030>
21. Makam, S., **M. Sétamou**, O. J. Alabi, W. Day, D. Cromey & C. Nwugo. 2023. Mitigation of huanglongbing: Implications of a biologically enhanced nutritional program on yield, pathogen localization and host gene expression profiles. *Plant Disease* 107: 3996-4009. <https://doi.org/10.1094/PDIS-10-22-2336-RE>
22. Patt, J. M., J. George, L. Markle, A. T. Moreno, **M. Sétamou**, M. Rivera & L. Stelinski. 2023. Field evaluation of attract-and-kill devices for control of Asian citrus psyllid (Hemiptera: Liviidae) in urban landscapes. *Florida Entomologist* 106: 248-256. <https://doi.org/10.1653/024.106.0407>
23. **Simpson, C. R.**, **M. Setamou** & S. D. Nelson. 2023. Evaluation of citrus grove floor management strategies for water use efficiency and conservation. *Scientia Horticulturae* 309: Article no. 111680 <https://doi.org/10.1016/j.scienta.2022.111680>

2022

24. **Sétamou, M.**, J.M. Patt & A.T. Moreno. 2022. Source or sink? The role of residential host plants in Asian citrus psyllid infestation of commercial citrus groves. *Journal of Economic Entomology*, toab249, <https://doi.org/10.1093/jee/toab249>
25. Chow, A. & **M. Sétamou**. 2022. Parasitism of *Diaphorina citri* (Hemiptera: Liviidae) by *Tamarixia radiata* (Hymenoptera: Eulophidae) on residential citrus in Texas: Importance of colony size and instar composition. *Biological Control* 165, February 2022, 104796. <https://doi.org/10.1016/j.biocontrol.2021.104796>.
26. Ibáñez, F., J. Su, Y. Wang, M. J. Rivera, **M. Sétamou** & L. L. Stelinski. 2022. Salicylic acid mediated immune response of *Citrus sinensis* to varying frequencies of herbivory and pathogen inoculation. *BMC Plant Biology* 22(1) doi: 10.2286/s12870-021-03389-5
27. Chow A. & **M. Sétamou**. Compatibility of a beta-cyfluthrin-based ‘attract-and-kill’ device with *Tamarixia radiata* (Hymenoptera: Eulophidae) for suppression of *Diaphorina citri* (Hemiptera: Liviidae), on residential citrus. *Journal of Economic Entomology*, toab222, <https://doi.org/10.1093/jee/toab222>
28. Aidoo, O. F., C. Tanga, A.G.A. Azray, S. A. Mohamed, B. A. Rasowo, **M. Sétamou**, S. Ekesi & C. Borgemeister. 2022. Temperature-based phenology model of African citrus triozid (*Trioza erytreae* Del Guercio): Vector of citrus greening disease. *Journal of Applied Entomology* 146: 88-97. <https://doi.org/10.1111/jen.12942>
29. Aidoo, O. F., P. G. C. Souza, R. S. da Silva, P. A. Santana Jr., M. Coutinho Picanço, R. Kyrematen, **M. Sétamou**, S. Ekesi & C. Borgemeister. 2022. Climate-induced range shifts of invasive species (*Diaphorina citri* Kuwayama). *Pest Management Science* 78: <https://doi.org/10.1002/ps.6886>
30. Ajene, I. J., F.M. Khamis, B. van Asch, G. Pietersen, N. Seid, A.W. Wairimu, F.L. Ombura, K.S. Akutse, **M. Sétamou**, S. Subramanian, S. Mohammed, S. Ekesi. 2022. Genetic diversity of *Diaphorina citri* (Hemiptera:Liviidae) unravels phylogeographic structure and invasion history of eastern African populations. *Ecology and Evolution*, 12, e9090. <https://doi.org/10.1002/ece3.9090>
31. Danda, T., J.-W. Park, K. L. Timmins, **M. Sétamou**, E. Louzada, W. E. Braswell & M. Kunta. 2022. A field deployable real-time Loop Mediated Isothermal Amplification (LAMP) targeting five copy nrdB gene for the detection of ‘*Candidatus Liberibacter asiaticus*’ in citrus. *SSRN Electronic Journal* doi:[10.2139/ssrn.4296467](https://doi.org/10.2139/ssrn.4296467)
32. Mays, D. T., E. G. Medrano, **M. Sétamou** & G. Schuster. 2022. *Bacillus thuringiensis* derived insecticidal protein Vip3Aa20 as a potential aflatoxin mitigation tool in maize (*Zea mays*). *Research Journal of Plant Pathology* 5(2):05
33. Obasa, K., O. Alabi & **M. Sétamou**. 2022. Wheat curl mite; A new source of eriophyoid mite in wheat fields identified. *PhytoFrontiers* 2:342-346. doi.org/10.1094/PHYTOFR-04-22-0038-SC

34. Zapata, S., F. Peguero, **M. Sétamou** and O. J. Alabi. Economic implications of citrus greening disease management strategies. *Journal of Agricultural and Resource Economics* 47:300-323.
35. Kunta, M., O.E. Vasquez, S. Chavez, E. Louzada and M. Sétamou. 2022. Optimization of vqPCR for reliable detection of viable *Candidatus Liberibacter asiaticus* in citrus. HortScience. DOI: <https://doi.org/10.21273/HORTSCI16600-22>

2021

36. Aidoo, O. F., C. M. Tanga, S. A. Mohamed, F. M. Khamis, S. Opisa, B. Rasowo, J. W. Kimemia, J. Ambajo, **M. Sétamou**, S. Ekesi & C. Borgemeister. 2021. The African citrus triozid *Trioza erythrae* Del Guercio (Hemiptera: Triozidae): temporal dynamics and susceptibility to entomopathogenic fungi in East Africa. *International Journal of Tropical Insect Science* 41: 563-573.
37. Aidoo, O. F., Tanga, C. M., Azrag, A. G. A., Mohamed, S. A., Khamis, F. M., Rasowo, B. A., Ambajo, J., **Sétamou, M.**, Ekesi, S., & Borgemeister, C. 2021. Temperature-based phenology model of African citrus triozid (*Trioza erythrae* Del Guercio): Vector of citrus greening disease. *Journal of Applied Entomology*, 00, 1–10.
<https://doi.org/10.1111/jen.12942>
38. Park, J.-W., J. V. da Graça, **M. Sétamou** & M. Kunta. 2021. Diversity of Citrus tristeza virus strains in the Upper Gulf Coast of Texas. *Plant Disease* 105: 592-598.
39. Simpson C. R., J. Gonzales III, J. Enciso, S. D. Nelson, **M. Sétamou**. 2020. Root distribution and seasonal fluctuations under different grove floor management systems in citrus. *Scientia Horticulturae* 272 (109364) 1-10.
40. Rasowo, B. A., R. S. Copeland, F. M. Khamis, O. F. Aidoo, I. J. Ajene, S. A. Mohamed, **M. Sétamou**, S. Ekesi & C. Borgemeister. 2021. Diversity and phylogenetic analysis of endosymbionts from *Trioza erythrae* (Del Guercio) and its parasitoids in Kenya. *Journal of Applied Entomology* 145: 104-116.

2020

41. **Sétamou, M.** 2020. Area-wide management of Asian citrus psyllid in Texas. In Asian citrus psyllid: biology, ecology and management of the Huanglongbing vector. pp 234-249.
<https://doi.org/10.1079/9781786394088.02>
42. George J., S. L. Lapointe, L. T. Markle, J. M. Patt, S. A. Allan, **M. Sétamou**, M. J. Rivera, J. A. Qureshi, L. L. Stelinski. 2020. A multimodal attract-and-kill device for the Asian citrus psyllid *Diaphorina citri* (Hemiptera: Liviidae). *Insects* 11 (12): 870-1174
43. Irigoyen S., M. Ramasamy, S. Pant, P. Niraula, R. Bedre, M. Gurung, D. Rossi, C. Laughlin, Z. Gorman, D. Achor, A. Levy, M. V. Kolomiets, **M. Sétamou**, I. E. Badillo-Vargas, C. A. Avila, M. S. Irey, K. K. Mandadi. 2020. Plant hairy roots enable high throughput

identification of antimicrobials against *Candidatus Liberibacter* spp. Nature Communications 11 (1): 1-14.

44. Aidoo O.F., C. M. Tanga, S. A. Mohamed, F. M. Khamis, S. B. S. Baleba, B. A. Rasowo, J. Ambajo, **M. Sétamou**, S. Ekesi, C. Borgemeister. 2020. Detection and monitoring of ‘*Candidatus*’ *Liberibacter* spp. vectors: African citrus triozid *Trioza erytreae* Del Guercio (Hemiptera: Triozidae) and Asian citrus psyllid *Diaphorina citri* Kuwayama (Hemiptera: Liviidae) in citrus groves in East Africa. Agricultural and Forest Entomology 22 (4): 401-409.
45. Simpson C. R., J. Gonzales III, J. Enciso, S. D. Nelson, **M. Sétamou**. 2020. Root distribution and seasonal fluctuations under different grove floor management systems in citrus. Scientia Horticulturae 272 (109364) 1-10.
46. Chaudhary S., D. A. Laughlin, **M. Sétamou**, J. V. da Graça, M. Kunta, O. J. Alabi, K. M. Crosby, K. L. Ong, V. Ancona. 2020. Incidence, severity, and characterization of *Phytophthora* foot rot of citrus in Texas and implications for disease management. Plant Disease 104 (9): 2455-2461.
47. Park J-W., J. daGraca, **M. Sétamou**, M. Kunta. 2020. Diversity of Citrus tristeza virus strains in the Upper Gulf Coast area of Texas. Plant Disease DOI. <https://doi.org/10.1094/PDIS-02-20-0410-RE>
48. Aidoo O. F., C. M. Tanga, S. A. Mohamed, F. M. Khamis, S. Opisa, B. A. Rasowo, J. W. Kimemia, J. Ambajo, **M. Sétamou**, S. Ekesi, C. Borgemeister. 2020. The African citrus triozid *Trioza erytreae* Del Guercio (Hemiptera: Triozidae): temporal dynamics and susceptibility to entomopathogenic fungi in East Africa. International Journal of Tropical Insect Science DOI. <https://doi.org/10.1007/s42690-020-00241-5>
49. R Bouharroud, **M Sétamou**. 2020. Assessment of residual effects of three neonicotinoids commonly used to control Asian citrus psyllid *Diaphorina citri* Kuwayama (Hemiptera: Psyllidae). African and Mediterranean Agricultural Research Journal-Al-Awamia 129: 161-176.
50. Ajene I. J., F. M. Khamis, B. van Asch, G. Pietersen, B. A. Rasowo, F. L. Ombura, A. W. Wairimu, K. S. Akutse, **M. Sétamou**, S. Mohamed, S. Ekesi. 2020. Microbiome diversity in *Diaphorina citri* populations from Kenya and Tanzania shows links to China. PloS one 15 (6): e0235348. <https://doi.org/10.1371/journal.pone.0235348>
51. Oke A. O., A. A. Oladigbolu, M. Kunta, O. J. Alabi, **M. Sétamou** 2020. First report of the occurrence of Asian citrus psyllid *Diaphorina citri* (Hemiptera: Liviidae), an invasive species in Nigeria, West Africa. Scientific Reports 10 (1): 1-8.
52. **Sétamou M.**, O. J. Alabi, M. Kunta, J. Dale, J. V. da Graça 2020. Distribution of *Candidatus Liberibacter asiaticus* in citrus and the Asian citrus psyllid in Texas over a decade. Plant disease 104 (4), 1118-1126.

53. Graham J., T. Gottwald, **M. Sétamou** 2020. Status of huanglongbing (HLB) outbreaks in Florida, California and Texas. *Tropical Plant Pathology* 45: 265–278.
54. Ibanez F., J. H. Suh, Y. Wang, M. Rivera, **M. Sétamou**, L. L. Stelinski 2020. Salicylic acid mediated immune response of *Citrus Sinensis* to varying frequencies of herbivory and pathogen inoculation. *bioRxiv* doi: <https://doi.org/10.1101/2020.08.04.235911>
55. Rasowo B. A, R. S. Copeland, F. M. Khamis, O. F. Aidoo, I. J. Ajene, S. A. Mohamed, **M. Sétamou**, S. Ekesi, C. Borgemeister 2020. Diversity and phylogenetic analysis of endosymbionts from *Trioza erytrae* (Del Guercio) and its parasitoids in Kenya. *Journal of Applied Entomology* <https://doi.org/10.1111/jen.12807>
56. Piña K., H. Conway, M. Ciomperlik, John V. da Graça, **M. Sétamou**, D. Czokajlo 2020. Development of the ‘BugEnd’ killing station for the control of *Anastrepha ludens* (Loew) (Diptera: Tephritidae). *Subtropical Agriculture and Environments* 71:67-74.
57. Zongoma A.M., Dangora D.B., **Sétamou M.**, Alegbejo M.D., Alabi O.J. 2020. Identification of mealybugs, soft scale insects and their predators in vineyards across the savannah agro-ecological region of Nigeria. *The Zoologist* Vol 18(1) 27-32. DOI: 10.4314/tzool.v18i1.5

2019

58. **Sétamou, M.**, R. R. Saldaña, J. M. Hearn, J. Dale, T. P. Fera Arroyo & D. Czokajlo. 2019. Screening sticky cards as a simple method for improving efficiency of *Diaphorina citri* (Hemiptera: Liviidae) monitoring and reducing nontarget organisms. *Journal of Economic Entomology* 112: 1167-1174
59. Villegas, C., R. Ramos, J. L. Jifon, C. V. Keith, M. Al Rwahnih, **M. Sétamou**, J. K. Brown & O. J. Alabi. 2019. Association of two distinct begomoviruses and two DNA satellite molecules with a yellow mosaic disease outbreak in a south Texas okra (*Abelmoschus esculentus* (L.) Moench) field. *Plant Disease*. DOI: 10.1094/PDIS-06-19-1175-PDN
60. Rasowo, B.A, F. Khamis, S. A. Mohamed, I. J. Ajene, O. F. Aidoo, F. L. Ombura, **M. Sétamou**, S. Ekesi, & C. Borgemeister. 2019. African citrus greening disease in East Africa: Incidence, severity, and distribution patterns. *Journal of Economic Entomology* 112: 2389-2397, DOI: 10.1093/jee/toz167.
61. Aidoo O.F., S. Ekesi, C. M. Tanga, **M. Sétamou**, Brenda A. Rasowo, I. Rwomushana, J. Kimani, Akua A. Agyakwa, Samira A. Mohamed, Fathiya M. Khamis, C. Borgemeister. 2019. Distribution, degree of damage and risk of spread of *Trioza erytrae* (Hemiptera: Triozidae) in Kenya. *Journal of Applied Entomology*. DOI: 10.1111/jen.12668.
62. Simpson, C. R., J.C. Melgar, S.D. Nelson & **M. Sétamou**. 2019. Growth and yield responses under different grove floor management strategies for water conservation in young grapefruit trees. *Scientia Horticulturae*. <https://doi.org/10.1016/j.scienta.2019.108567>
63. Aidoo, O. F., C. M. Tanga, F. M. Khaimis, B. A. Rasowo, S. A. Mohamed, B. K. Badii, D. Silifu, **M. Sétamou**, S. Ekesi & C. Borgemeister. 2019. Host suitability and feeding

preference of the African citrus trioqid, *Trioza erytreae* Del Guercio (Hemiptera: Triozidae), natural vector of “*Candidatus Liberibacter africanus*”. *Journal of Applied Entomology* 143: 262-270.

64. Aidoo, O. F., C. M. Tanga, T. M. Paris, S. A. Allan, S. A. Mohamed, F. M. Khaimis, **M. Sétamou**, C. Borgemeister & S. Ekesi. 2019. Size and shape analysis of *Trioza erytreae* Del Guercio (Hemiptera: Triozidae), vector of citrus huanglongbing disease. *Pest Management Science* 75: 760-771
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Book Chapters

1. **Sétamou, M.** Area-wide management of Asian citrus psyllid in Texas. **2020**. In: *Asian Citrus Psyllid – Biology, Ecology and management of the Huanglongbing Vector*. (J. A. Qureshi & P. A. Stansly, eds.). Stylus Publishing.
2. Bandyopadhyay, R., K. Cardwell, A. Ortega-Beltran, F. Schulthess, W. Meikle, **M. Sétamou** & P. J. Cotty. **2019**. Identifying and managing plant health risks for key African crops: Maize. Pages 173-192 In: *Critical Issues in Plant Health: 50 years of Research in African Agriculture* (eds. P. Neuenschwander & M. Tamò). Burleigh Dodd Science Publishing

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Dissertation and Theses

1. **Sétamou, M.**, **1999**. Ecology and pest status of *Mussidia nigrivenella* Ragonot (Lepidoptera: Pyralidae), a cob borer of maize in West Africa. Ph.D. dissertation, University of Hanover, Germany, 131 pp.
2. **Sétamou, M.**, **1996**. Ecology of the insect pests of maize with special reference to *Mussidia nigrivenella* (Lepidoptera: Pyralidae) and the interactions with the aflatoxin producing fungus *Aspergillus flavus*. M.S. thesis, University of Cape Coast, Ghana. 130 pp.
3. **Sétamou, M.**, **1992**. Influence de l'azote et de la silice sur la bioécologie du foreur de maïs *Sesamia calamistis* Hampson (Lepidoptera: Noctuidae) [Influence of nitrogen and silica on the bio-ecology of the maize stemborer *Sesamia calamistis* Hampson (Lepidoptera: Noctuidae)]. Thèse d'Ingénieur Agronome, Université Nationale du Bénin, République du Bénin. 144 pp.

List of Selected Presentations to Learned Societies International

1. **Sétamou, M.** Development of a border spray program against the Asian citrus psyllid. International HLB conference in Orlando, FL, February, 2015.
2. **Sétamou, M.** Biology and worldwide distribution of Asian citrus psyllid. Challenges and opportunities. Oral presentation at North American Plant Protection Organization Meeting, Manzanillo, Mexico, August, 2013.
3. **Sétamou, M.** 2013. Factors governing the host finding behavior of Asian citrus psyllid. Oral presentation at North American Plant Protection Organization Meeting, Manzanillo, Mexico, August, 2013.
4. **Sétamou, M.** Areawide management of citrus psyllid in Texas. International HLB conference in Orlando, FL, February, 2013.
5. **Sétamou, M.,** Integrated management of citrus pests in Texas. Presentation to Citrus Growers in Adana, IOBC Working Group Meeting, Turkey, May 2013.
6. **Sétamou, M.,** Development of a multipest control program in citrus orchards. Presentation to 'Junta Local del Sanidad Vegetal' in Ciudad Obregon, Mexico, July 2014.
7. **Sétamou, M.,** D. Bartels, J. da Graça, and M. Ciomperlik. 2012. Development and implementation of an areawide management strategy in Texas. International Conference of Entomology, Daegu, South Korea, August 2012.
8. **Sétamou, M.,** Integrated management of citrus pests in Texas. Presentation to National Agricultural Research Institute, Agadir, Morocco, July 2012.
9. **Sétamou, M.** 2011. Implementation of psyllid areawide management by citrus growers in Texas. Challenges and opportunities. Oral presentation at North American Plant Protection Organization Meeting, Manzanillo, Mexico, August 15-19, 2011.
10. **Sétamou, M.** Asian citrus psyllid population fluctuations in Texas. International HLB conference in Orlando, FL, February, 2011.
11. **Sétamou, M.** 2010. Development of an area-wide management program for Asian citrus psyllid in Texas. Oral presentation at Fundecitrus Annual Meeting, Araraquara, Brazil, October 10, 2010.
12. Da Graça J.V., **Sétamou, M.,** W. Li, M. Nakhle, J. Rascoe and M. Kunta 2013. Areawide management of Asian citrus psyllid in Texas. International Organization of Citrus Virologists, Skukuza, South Africa.
13. **Sétamou, M.** Areawide management for the integrated control of *Diaphorina citri*. 9th Simposium Internacional Citricola, Tecoman, Mexico (Oct. 2013)

14. Arteaga, H.C., B.C. Storz, D. Flores & **M. Sétamou**. Huanglongbing (HLB) outreach and reduction of Asian citrus psyllid in residential communities in South Texas. 9th Symposium Internacional Citricola, Tecoman, Mexico (Oct. 2013)

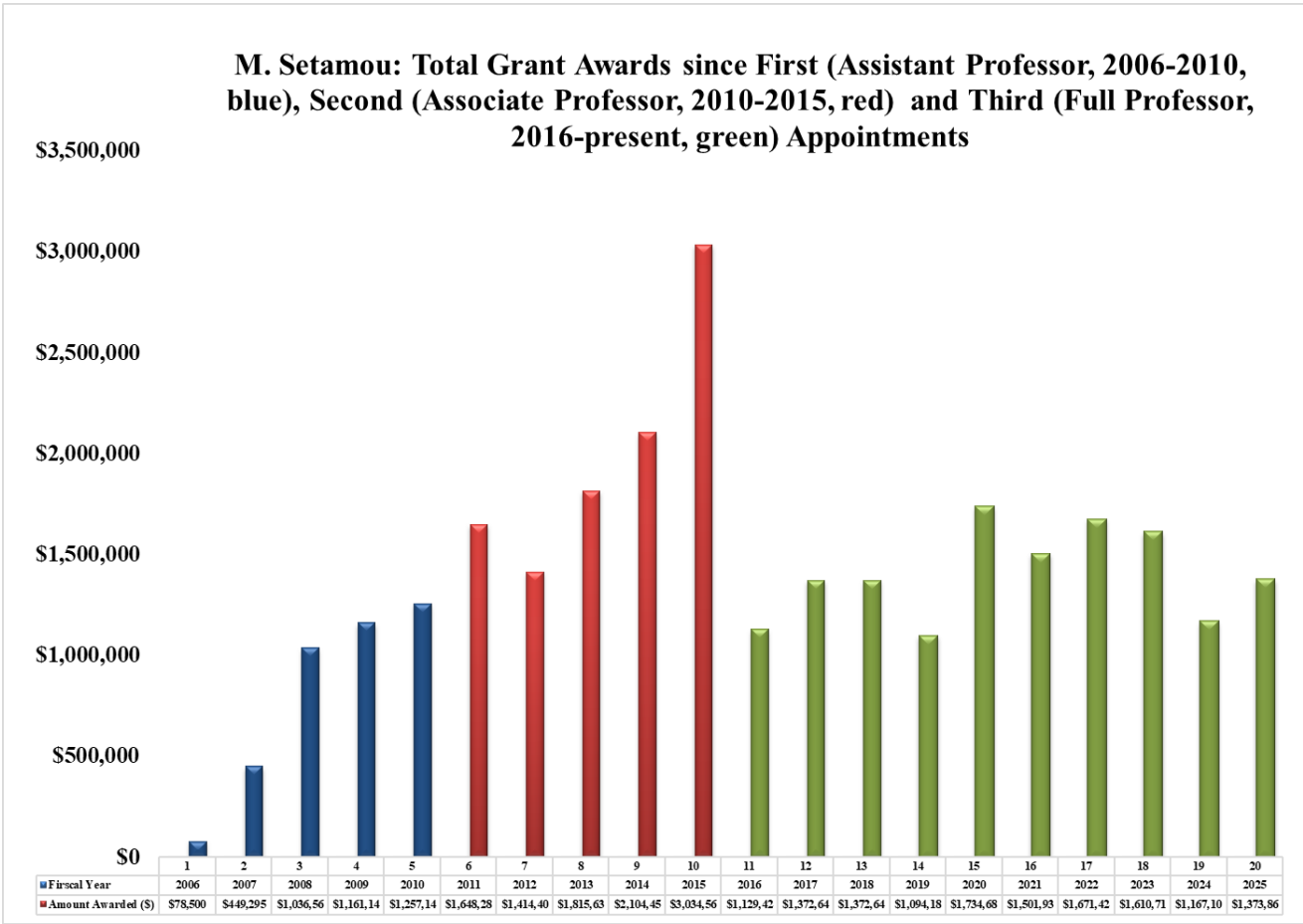
National

1. Chow, A., C. Dunlap, M.A. Jackson, **M. Sétamou** and J. Patt. A novel system for dissemination of an entomopathogen, *Isaria fumosorosea*, for biological control of the Asian citrus psyllid, *Diaphorina citri*, in abandoned citrus groves. Entomological Society of America Annual Meeting 2014.
2. **Sétamou, M.**, J. Patt and C. Godfrey. Behavioral manipulation methods for sustainable management of Asian citrus psyllid in citrus groves. Entomological Society of America Annual Meeting 2014.
3. **Sétamou, M.**, J. Patt and C. Godfrey. Behavioral manipulation methods for sustainable management of Asian citrus psyllid in citrus groves. Entomological Society of America Annual Meeting 2014.
4. Fuentes, C., J. Enciso, S. Nelson, J. Anciso and **M. Sétamou**. Comparing Water Use Efficiency in South Texas Furrow and Drip Irrigated Watermelon. Irrigation Show and Education Conference, Phoenix, Arizona, 2014.
5. **Sétamou, M.**, J. V. da Graça & M. Kunta. Citrus greening in Texas: Steps to mitigate this deadly disease. Annual meeting of the Entomological Society of America-Southeastern Branch, Baton Rouge, LA, March 2013.
6. da Graca. J. V. & **M. Sétamou**. Citrus Huanglongbing – the most serious disease threat to citriculture worldwide and the importance of psyllid control in its management. Annual meeting of the Entomological Society of America, Austin Texas, November 2013.
7. Bartels, D., **M. Sétamou** & D. Hall. How the biology and movement patterns of Asian citrus psyllid influence management choices. Annual meeting of the Entomological Society of America, Austin Texas, November 2013.
8. **Sétamou, M.** & D. Bartels. Development and implementation of an areawide management program for Asian citrus psyllid in Texas. Annual meeting of the Entomological Society of America, Austin Texas, November 2013.
9. Bouharroud, R. and **M. Sétamou** Residual effects of three neonicotinoids commonly used to control Asian citrus psyllid, *Diaphorina citri*. . Annual meeting of the Entomological Society of America, Austin Texas, November 2013.
10. Chow, A., C. Dunlap, M.A. Jackson, **M. Sétamou** and J. Patt. Compatibility of an entomopathogen, *Isaria fumosorosea*, and a parasitoid wasp, *Tamarixia radiata*, for biological control of Asian citrus psyllid, *Diaphorina citri*, in residential citrus. Entomological Society of America Annual Meeting 2013.

11. Reyna, S. M., **M. Sétamou** and S. Ekesi. Morphometric comparisons of citrus rust mite (*Phyllocoptrulla oleivora*) populations in Texas and Kenya. Entomological Society of America Annual Meeting 2013.
12. Reyna, S. M., **M. Sétamou** and S. Ekesi. Molecular and morphometric characterization of the citrus rust mites in Texas. Entomological Society of America Annual Meeting 2013.
13. **Sétamou, M.** Factors affecting population fluctuations of Asian citrus psyllid in commercial citrus groves in Texas. Entomological Society of America Annual Meeting 2012.
14. **Sétamou, M.** Factors governing the fluctuations of Asian citrus populations in Texas. International Society of Horticultural Sciences Meeting, Valencia, Spain, November 2012.
15. **Sétamou, M.** Implementing an area-wide management program for the Asian citrus psyllid in Texas. International Society of Horticultural Sciences Meeting, Valencia, Spain, November 2012.
16. Chow, A., C. Dunlap, M.A. Jackson, **M. Sétamou** and J. Patt. Novel methods for dissemination of *Isaria fumosorosea* and control of Asian citrus psyllid, *Diaphorina citri*, in residential citrus. Entomological Society of America Annual Meeting 2012.
17. Reyna, S. M., **M. Sétamou** and J. H De León. Population dynamics of citrus rust mite in Texas. Entomological Society of America Annual Meeting 2012.
18. Nelson, S.D., M. Esparaza, D. E. Garza, **M. Sétamou** and M. Young. Potential Benefits of Supplemental Calcium Additions for Sustaining Citrus Production and Quality. ASHS Annual Conference 2012.
19. Garza, D. E., S. D. Nelson and **M. Sétamou** Foliar Applications of Micro- and Macronutrients to Control ACP in Citrus. ASHS Annual Conference 2012.
20. Galindo, C., J. Patt, M. Luque-Williams, **M. Sétamou** and K. E. Godfrey. Attraction of traps to Asian citrus psyllid (*Diaphorina citri*) in urban environments. Entomological Society of America Annual Meeting 2011.
21. Louzada, E.L., C.C.Parra, J.V.da Graca, **M. Sétamou** & M. Kunta. Transcriptome analysis of ‘Valencia’ sweet orange response to Citrus Huanglongbing (HLB) infection. American Phytopathological Society, Austin TX 2012.
22. Kunta, M., C. da la Garza, J.V.da Graca, **M. Sétamou** & E.S.Louzada. Estimation of *Candidatus Liberibacter asiaticus* populations in Texas citrus trees. American Phytopathological Society, Austin TX 2012.
23. Nelson, S. D., **M. Sétamou**, J. D. Erdmann-Garza & M. Esparza. Reduction in psyllid populations using supplemental calcium to trees grown in high calcareous soils. Soil Science Society of America/ American Society of Agronomy/ Crop Science Society of America Conference, Tampa FL (Nov. 2013)

24. **Sétamou, M.** ACP area wide management overview. Citrus Health Research Forum, Denver CO (Oct. 2013).
25. Patt, J & **M. Sétamou.** Attractants for ACP trapping technology. Citrus Health Research Forum, Denver CO (Oct. 2013).
26. Flores, D. & **M. Sétamou.** Biocontrol approaches for Asian citrus psyllid. Citrus Health Research Forum, Denver CO (Oct. 2013).
27. Trevino, J.A., R. Saldana, D. Villalon & **M. Sétamou.** Following the population of the Asian citrus psyllid. XVII. 3rd RGV Organic Conference, Weslaco TX
28. Cantu, L., S. Nelson and **M. Sétamou.** Effect of nitrogen fertilization on host plant quality and on the developmental parameter of Asian citrus psyllid and its nymphal parasitoid *Tamarixia radiata*. Annual Subtropical Agriculture and Environments Society Meeting, Weslaco, TX, February 2015.
29. Stockton, D., J.M. Patt, R. Summy and **M. Sétamou.** Evidence of olfactory learning and memory in *Diaphorina citri*. Annual Subtropical Agriculture and Environments Society Meeting, Weslaco, TX, February 2012.
30. Peddabhoini, N.P., S. Nelson, D. Czokajlo, and M.Sétamou. Development of an “attract and kill” Strategy for Effective Management of Citrus Leafminer (*Phyllocnistis citrella* Stainton) in Texas. Annual Subtropical Agriculture and Environments Society Meeting, Weslaco, TX, February 2012.
31. **Sétamou, M.** Effect of light and diurnal flight patterns of Asian citrus psyllid. Florida Citrus Industry Symposium, Lake Alfred FL, August 2010.
32. **Sétamou, M.** Phenology and field distribution of Asian citrus psyllid. Florida Entomological Society meeting, October 2009.

Research and Scholarly Activities:
Funded Grants: Summary of grants funded since first appointment in 2006.



Professional Growth and Activities:

Membership in Professional Societies

- Member of the Entomological Society of America (ESA)
- Member of the International Association of Black Entomologists (IABE)
- Member of the African Association of Insect Scientists (AAIS)
- Member of the Southwest Branch of ESA
- Member of the International Society of Citriculture (ISE)
- Member of the International Society of Horticultural Sciences (ISHS)

- Member of the American Society of Horticultural Sciences
- Member of the Subtropical Agriculture and Environmental Sciences Society
- Members of the Subtropical Plant Science Society (SPS, formerly Rio Grande Valley Horticultural Society)
- Member of the International Association of Entomology
- Members of the Benin Association of Agronomists

Leadership Roles in Professional Societies

- Serving **President** of the International Association of Black Entomologists (IABE)
- Member of the USDA Science and Technology Committee for Citrus Health (Co-Chair of Psyllid Management Group from 2011-2013)
- Serving Board Member of the Texas Citrus Pest and Disease Management Corporation
- Serving Member of the California Citrus Research Board Pest Management Committee
- Texas Citrus Pest and Disease Management Corporation
- Principal Technical Advisor of the Texas Citrus Pest and Disease Management Corporation
- Section Vice President (Entomology) for the Subtropical Plant Science Society
- Associate Editor-Entomology for the Subtropical Plant Science Journal

Other Activities

Consulting activities:

- ❖ Lead Consultant for Agronomy and Integrated Pest Management for Wonderful Citrus, Mexico.
- ❖ Served as the United Nations Food and Agriculture Organization (FAO) Lead Consultant for the development area-wide management program for the Asian citrus psyllid and containment of citrus greening disease in Belize.
- ❖ Consultant for Agronomy and Pest Management for Wonderful Citrus-Mexico Division (formerly Paramount Citrus-Mexico Division).
- ❖ Consultant for OroAgri Inc. for the development of multi-pest management in Citrus in Turkey.

Peer-reviewed several papers from the following journals:

Journal of Economic Entomology, Journal of Applied Entomology, Journal of Insect Science, Agricultural Systems, Pest Management Science, Plant Signaling and Behavior, Plant Science, Archives of Phytopathology and Plant Protection, Journal of Pest Science

Service Activities:

Membership on University, College, and/or Department Committees

- Member of the College Promotion and Tenure Committee
- Member of the Faculty Evaluation Committee
- Served in the Graduate Council, and was the Secretary of the Council for two years (2008-2009).
- Served in the Faculty Senate
- Served in the Graduate and Undergraduate Curriculum Committees
- Participation and presentation of research findings at the Citrus Research Advisory Board Meetings (quarterly meeting since 2006).
- Student Recruitment Fair, TSC, Harlingen Texas, 2012, 2013 and 2014.
- Served in the Search Committees of the Department of Agronomy, Agribusiness and Environmental Sciences for Faculty positions in Agronomy (2007), Agribusiness (2008), Physiology (2009), Plant Pathology (2013-14) Agribusiness (2014), and Physiology (2015).
- Served in the search committee to select an Extension Entomologist at Texas AgriLife Research (TAMU) in Weslaco, 2007.
- Served in the search committee to select an Extension Entomologist at Texas AgriLife Research (TAMU) in Weslaco, 2009.
- Principal Safety Officer for TAMUK Citrus Center since 2007.

Leadership Roles on Committees

- Secretary of the Graduate Counsel 2008-2009.
- Chair of the Search Committee for Citrus Plant Pathologist, 2014.
- Chair of the Promotion and Tenure Committee 2012.
- Co-chair of the USDA-APHIS Science and Technology on Citrus Health Management.

Service Activities outside the University

- Participated at the Career Day at Captain D. Salinas II Elementary School, Alamo, TX.
- Several tours and presentation of Citrus Center research on pest management to Winter Texans and several stakeholders.
- Received a group of students from Germany and made a presentation.
- Judge for the Weslaco School District Science Fair.
- Presented during the tour of the Texas Ag Commissioner (Mr. Todd Staples) in 2007, 2009 and 2011.
- Annually received a group of Winter Texans to tour the Citrus Center.
- Participated in monthly meetings of the Texas Citrus Pest and Disease Management Corporation.
- Participated in semi-annual and annual meetings of the Texas Citrus Mutual.
- Participated in annual meetings of the Texas Citrus Producers Board.
- Participated in the annual meetings of the USDA-APHIS Science and Technology committee meetings.
- Participated in the annual meetings of California Science and Technology committee meetings.
- Served as lead consultant for FAO, Wonderful Citrus, and OroAgri.
- Assist in the development of survey protocol for citrus pest management in Morocco.
- Assist in the creation of the African work group for HLB in Africa.

Service Activities outside the University

- Participated at the Career Day at Captain D. Salinas II Elementary School, Alamo, TX.
- Several tours and presentation of Citrus Center research on pest management to Winter Texans and several stakeholders.
- Board Member of the Solar Electric Light Fund (SELF, www.self.org) in Benin, West Africa. Self is an organization promoting the use of solar energy for the development of sustainable agriculture in developing countries.

Honors and Awards:

- **2023 Elected King Citrus 86th**
- **2019 Senior Research Award, Kleberg College AGNR, TAMUK**

- **United Nations 2015 Momentum for Change Lighthouse Activity Award** to SELF and ADESCA Innovative Solar Market Garden Project in Benin
- **USDA-APHIS Administrator's Award**, National Achievement Award in Pest Management for the development of psyllid area-wide management in Texas, **January 2013**.
- **Senior Teacher of the Year Award**, Dick & Mary Lewis Kleberg College of Agriculture, Natural Resources and Human Sciences, Texas A&M University-Kingsville, **2012**.
- **Research Alumnus of the year**. Texas A&M University-Kingsville, **2011**.
- **Senior Research Award**, Dick & Mary Lewis Kleberg College of Agriculture, Natural Resources and Human Sciences, Texas A&M University-Kingsville, **2010-2011**.
- **Junior Research Award**, Dick & Mary Lewis Kleberg College of Agriculture, Natural Resources and Human Sciences, Texas A&M University-Kingsville, **2008-2009**.
- **Award of Excellence in Research**. USDA-ARS, Weslaco, TX 2005.
- **Summa cum laude**, University of Hanover, Germany, 1999
- **Graduate Fellowship**, German Development Agency (DAAD), 1998
- **Best Young African Insect Scientist**, AAIS, August 1995

Acknowledgement of Correct, Up-to-date Content

I, the undersigned hereby certify that the information provided above is correct and up-to-date.


 Signed: _____
 Mamoudou Sétamou

Date: _____ May 7, 2026 _____