

DLS MPhil/PhD students' research

Quarterly Digest #2: July 2023

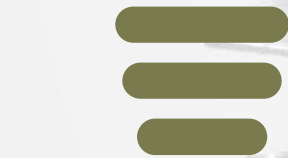
What's new?

See below for the latest publications, conference participations, awards and other achievements in the period April – June 2023.

01

Renoir Auguste, PhD Environmental Biology

- ❖ McKnight, D.T. et al. (2023) Nocturnal basking in freshwater turtles: A global assessment. *Global Ecology and Conservation*, 43, e02444 <https://doi.org/10.1016/j.gecco.2023.e02444>
- ❖ Lehtinen, R.M. et al. (2023) Evidence of Bd infection in the Endangered Golden Tree Frog (*Phytotriades auratus*: Hylidae) from Trinidad. *Herpetological Review* 54:41-43. https://www.researchgate.net/publication/371276581_Evidence_of_Bd_infection_in_the_endangered_Golden_Tree_Frog_Phytotriades_auratus_Hylidae_from_Trinidad
- ❖ Auguste, R. et al. (2023) Amphibians and their conservation in Trinidad and Tobago. In: *The Conservation and Biogeography of Amphibians in the Caribbean* (Chapter 12, pp.544-572). <https://doi:10.53061/RCJP8789>
- ❖ Attended an online workshop: “Bioacoustic Analysis in R”, 15th -19th May 2023

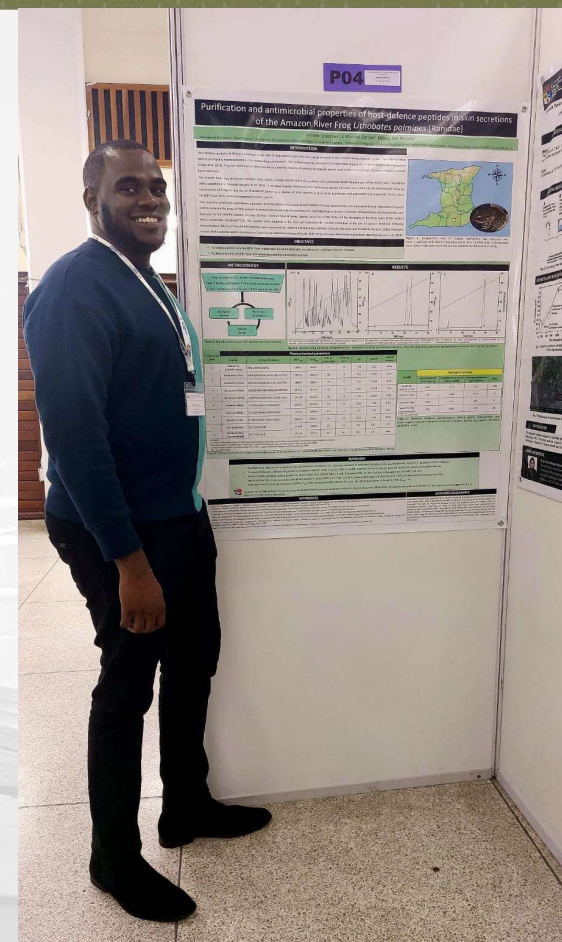


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02 Gervonne Barran, MPhil Biochemistry

- ❖ Attended the 2nd International Commonwealth Chemistry Congress, 23rd - 25th May 2023, Trinidad.
- ❖ Presented a flash talk and a poster:
Barran, G., Conlon, J.M., Mechkarska, M. Purification and antimicrobial properties of host-defence peptides in skin secretions of the Amazon River Frog *Lithobates palmipes* (Ranidae)".
- ❖ Mechkarska, M. et al. (2023) Purification and antimicrobial properties of host-defence peptides in skin secretions of the Amazon River Frog *Lithobates palmipes* (Ranidae)". *Comp Biochem Physiol Part D: Genomics and Proteomics*, 46:101069.
<https://doi.org/10.1016/j.cbd.2023.101069>



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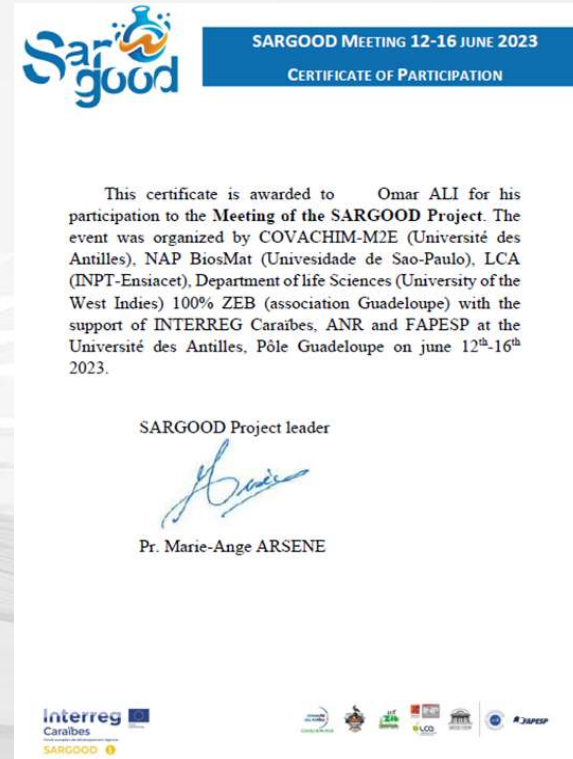


On his way out of DLS, currently under examination for the award of a PhD

Omar Ali, PhD Microbiology



- ❖ Attended the Fifth Scientific Workshop of the SARGOOD Project at the Université des Antilles, Pôle Guadeloupe on June 12th-16th 2023.
- ❖ Presented a talk and a poster: "Biostimulatory effects of a *Sargassum* extract formulation on tomato and sweet pepper and the underlying mechanisms of action"



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On his way out of DLS, currently under examination for the award of a PhD

Stephen Ramnarine, PhD Microbiology

- ❖ Ramnarine, S.D.Jr., Jayaraman, J., Ramsubhag, A. (2023) copLAB gene prevalence and diversity among Trinidadian *Xanthomonas* spp. black-rot lesion isolates with variable copper resistance profiles. *PeerJ* 11:e15657
<https://doi.org/10.7717/peerj.15657>



On her way out of DLS, currently under examination for the award of a PhD

Sarah Mathura, PhD Biochemistry

- ❖ Mathura, S.R., Sutton, F. & Bowrin, V. (2023) Genome-wide Identification of the Auxin Transporter Gene Families in Sweet Potato (*Ipomoea batatas*) and their Expression During Tuberization. *Tropical Plant Biol.*
<https://doi.org/10.1007/s12042-023-09333-1>

DLS PhD Oral examinations

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Sarah Evelyn, PhD Plant Science

11 May 2023



Owen Bovell, PhD Plant Science

16 May 2023

