TIFFANY NAY

PhD Marine Biology

0467 242 900

tiffany.nay@my.jcu.edu.au
tiffanynay13@gmail.com

Sydney, AU

EDUCATION

PhD Marine Biology, 2020
MSc Marine Biology, 2015
James Cook University
Townsville, QLD

BSc, 2013
University of West Florida
Pensacola, FL, USA

PROFESSIONAL SKILLS

- Project management
- Effective communicator
- Team management
- Organised
- Time management
- Independent
- Flexible
- Outcome driven
- Mentoring
- Troubleshooting ability

Scientific Publications

Nay TJ, Longbottom RJ, Gervais CR, Johansen JL, Rummer JL, Steffensen JF, Hoey AS. Microhabitat use and temperature utilization in a coral reef flat specialist. (Accepted to *Journal of Fish Biology*)

Gervais C, **Nay T**, Brown C. Friend or Foe? Odour detection, differentiation, and anti-predator response in an embryonic elasmobranch, *Heterodontus portusjacksoni* (Accepted in *Marine and Freshwater Research*)

Nay TJ, Johansen JL, Rummer JL, Steffensen JF, Hoey AS. Do fish prefer friends? The effect of conspecifics, heterospecifics, and predator presence on temperature preference in a coral reef fish. (In review in *Oecologia*)

Nay TJ, Hoey AS, Rummer JL, Steffensen JF, Johansen JL. (2020) The effect of habitat complexity on temperature preference in a coral reef fish. (Accepted with minor revisions in *Conservation Physiology*)

Spady BL, **Nay TJ**, Rummer JL, Munday PL, Watson SA. (2019) Aerobic scope of two tropical cephalopod species unaltered by projected near-future CO2 levels. *Conservation Physiology* 7 IF: 3.460, Citations: 1

Nay TJ, Gervais CR, Hoey AS, Johansen JL, Steffensen JF, Rummer JL. (2018) The emergence emergency: a mudskipper's response to temperature. Journal of Thermal Biology 78: 65-72. IF: 2.093

* All project management experiences included team management, organization of schedules and tasks, volunteer training, budget management, report construction, scientific publication, and presentation of outcomes.

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Scientific Publications Cont'd

Gervais C, **Nay T**, Renshaw G, Johansen JL, Steffensen JF, Rummer JL. (2018) Too hot to handle? Using movement to alleviate effects of elevated temperatures in a benthic elasmobranch, *Hemiscyllium ocellatum*. *Marine Biology* 165(11): 162. IF: 2.215, Citations: 5

Habary A, Johansen JL, **Nay TJ**, Steffensen JF, Rummer JL. (2016) Adapt, move or die – what are the real options for a tropical coral reef fish? *Global Change Biology* 23(2): 566-577. Doi: 10.1111/gcb.13488. IF: 8.997, Citations: 25

Nay TJ, Johansen JL, Habary A, Steffensen JF, Rummer JL. (2015) Behavioural thermoregulation in a temperature-sensitive coral reef fish, the five-lined cardinalfish (*Cheilodipterus quinquelineatus*). Coral Reefs 34(4): 1261-1265. doi: 10.1007/s00338-015-1353-4. IF: 3.095, Citations: 12

Presentations

SEMINAR 2018	Making moves: Thermoregulatory strategies used by fish to mitigate the effects of ocean warming, Invited presentation at University of Tasmania, Tasmania, Australia Hosted by: Professor Gretta Pecl and Dr. Michael Oellermann
PUBLIC OUTREACH 2018	These fins were made for walking. Using movement to mitigate exposure to elevated temperatures in a benthic elasmobranch, *Hemiscyllium ocellatum*, Heron Island Resort, Queensland, Australia
CONFERENCE 2018	Do fish prefer friends? The effect of conspecifics, heterospecifics, and predator presence on temperature preference in a coral reef fish, AMSA Conference, Adelaide, South Australia, Australia
CONFERENCE 2017	Too hot to handle? Using movement to mitigate exposure to elevated temperatures in a benthic elasmobranch, *Hemiscyllium ocellatum*, ACRS Conference, Townsville, Queensland, Australia
CONFERENCE 2016, 2015	The intersection between fish physiology and behaviour in regulating microhabitat use, ASFB/OCS Conference, Hobart, Tasmania, Australia MSc Presentation, James Cook University, Townsville, Queensland, Australia
CONFERENCE 2013	Comparing the effects of temperature on metabolic rates in water and sediment for the coquina clam, *Donax variabili*, Students Scholar Symposium, University of West Florida, Pensacola, Florida, USA

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Instructor/Mentor Experience

CO-SUPERVISOR 2019 - 2020	Masters student University of Tasmania, Hobart, Australia
MENTOR 2014 - 2018	Laboratory undergraduate and graduate volunteers (~15 volunteers) James Cook University, Townsville, Australia
MENTOR 2014, 2015	Visiting international undergraduate students (~10 students) James Cook University, Townsville, Australia
INSTRUCTOR & COORDINATOR 2012, 2013	Schools Coral Reef Ecology, Hoga Island Marine Research Laboratory (~**300** students) Tasks included: management of travel, coursework, field experiences, daily schedules, housing Operation Wallacea
TEACHING ASSISTANT 2009	UWF Summer Camps University of West Florida, Pensacola, FL

References

PRIMARY SUPERVISOR	**Prof. Andrew Hoey** Professor Research Fellow ARC Centre of Excellence for Coral Reef Studies, James Cook University Townsville, QLD 4811 E-mail: andrew.hoey1@jcu.edu.au Ph: +61 (0)7 4781 5979
SECONDARY SUPERVISOR	**Dr. Jacob Johansen** Assistant Researcher/Professor Hawaii Institute of Marine Science, University of Hawaii 46-007 Lilipuna Rd, Kaneohe, HI, USA, 96744 E-mail: jacoblj@hawaii.edu Ph: +1 (904) 315-6044
REDMAP FOUNDER	**Prof. Gretta Pecl** Director, Centre for Marine Socioecology, and ARC Future Fellow, Institute for Marine and Antarctic Studies, University of Tasmania Private Bag 49, Hobart, Tasmania, Australia 7001 E-mail: gretta.pecl@utas.edu.au Ph: +61 0408626792