**II. Curriculum Vitae (June, 2021)**

**Name**: Christopher Colin Tudge

**Home Contact**: 8110 Chester Street, Takoma Park, MD 20912, USA, Ph. +1 (301) 445 2539

**Work Contact**: Department of Biology, American University, 4400 Massachusetts Avenue, NW, Washington, D.C. 20016-8007, USA, Ph. +1 (202) 885 2033, Fax +1 (202) 885 2182, ctudge@american.edu

**Citizenship**: U.S./Australian/British citizen

**Education**:

Ph.D. Zoology (1995) - The University of Queensland, Australia.

Master of Science Qualifying (1990) - The University of Queensland, Australia

Bachelor of Science (1985) - The University of Queensland, Australia.

Ipswich Boys Grammar School (1982) - Ipswich, Queensland, Australia

**Academic Service:**

Faculty Senate, Adhoc Merit Awards STEM Committee, AU (Spring 2021 – present)

Faculty Senate, Committee on Faculty Actions, AU (Fall 2019 – present)

Honors Advisory Committee, AU Honors Program, (Fall 2019 – present)

Rank & Tenure Committee, Biology Department, CAS, AU (Fall 2018-present)

Graduate Committee, Biology Department, CAS, AU (Fall 2018-present), Chair (Fall 2019)

Honors Committee, Biology Department, CAS, AU (Spring 2018-present)

Faculty Adviser, Sea Education Association (SEA) Program – CAS, AU (Fall 2014-Fall 2015, Spring 2018-present)

Term Faculty Task Force, Dean’s Advisory Committee, CAS, AU (2012, Vice Chair 2013-2014, Chair 2014-2015, ex-officio 2016-present)

Faculty Director, AU Honors Program – (Fall 2015-Spring 2019)

Honors Working Group, UEAS, AU (Fall 2018-Spring 2019)

Premedical Program Mentor, AU (2001 – 2018)

Premedical Programs Admissions Committee, CAS, AU (2009 – 2018)

CAS/CTRL Partners in Teaching Program, AU – Mentor (Fall 2014-Spring 2018)

Chair’s Advisory Committee, Biology Department, CAS, AU (Fall 2013-Spring 2018)

American University, Education Design Lab participant (“Re-imagining Airlie”) – Fall 2017

American University Presidential Search Committee – Fall 2016

Faculty Senate Ad Hoc Committee on Teaching Evaluation and SETs, AU (Spring 2014-Spring 2015)

Eco-Sense Club Faculty Advisor, AU (2007 - 2015)

Faculty Advisor & Editor, "*Catalyst*" science magazine, CAS, AU (2005 - 2015)

Chairperson, Education Policy Committee, Curriculum, CAS, AU (2001 – 2004; 2011-2013)

Evolutionary Biology/Oceanography Term Faculty, Search Committee, Biology Department, AU (June-July, 2013)

Senior Director, Academic Support & Access Center, Search Committee, AU (May-June, 2013)

Member, Climate Action Project Team, AU (2009 - 2011)

Undergraduate Studies Committee, Biology Department, AU (2000 – 2004, 2008 - 2010)

External Reviewer, Professional Science Master’s proposal, Rutgers University, NJ (July. 2009)

Academic Integrity Code Hearing Panel, CAS, AU (Fall 2001, Fall 2008)

External Reviewer, MS Environmental Management, University of Maryland University College, MD (Apr. 2008)

External Reviewer, Professional Science Master’s proposal, Richard Stockton College, NJ (Feb. 2008)

Director, Premedical Programs, CAS, AU (Spring 2008)

Living & Learning Together Subcommittee, Undergraduate Experience Council, AU (2007– 2010)

Member, Environmental Issues Project Team, AU (2006 – 2009)

Multi-disciplinary Science and Math Coordinator, CAS, AU (2005-2008).

Director, Professional Science Masters Graduate Program, CAS, AU (2005-2008).

Adjunct Faculty, Biology Department, University of Louisiana at Lafayette, Lafayette, LA (2004-2008)

Science Coordinator for Honors Program, AU (2003 – 2008)

Microbiologist Search Committee, Biology Department, AU (Spring 2002)

Premedical Achievement Prize Panel, CAS, AU (Fall 2001)

Geneticist Search Committee, Biology Department, AU (Spring 2001)

Research faculty coordinator, Biology Department, AU (2000 – 2004)

**Museum Service:**

Smithsonian Institution, National Museum of Natural History, Invertebrate Zoology, Research Associate (1999-2023)

Virginia Museum of Natural History, Martinsville, Virginia, Research Associate (2002-2017)

Museum Interns (4 Grad. & 20 Undergrad.), Invertebrate Zoology, NMNH, Smithsonian Institution (2000 – present)

Public Lecture, National Zoo, Smithsonian Institution, Washington, DC (March, 2015)

Public lecture, Department of Invertebrate Zoology, NMNH, Smithsonian Institution (June, 2006)

Invited speaker, Department of Ornithology, Philadelphia Academy of Sciences, Philadelphia, PA (July, 2005)

Invertebrate Systematist Search Committee, National Systematics Laboratory, NOAA (Spring 2004)

Invited speaker, Graduate College Humboldt University & Berlin Natural History Museum, Germany (June, 2003)

**External Service/Public Outreach/Science Advocacy:**

Editor-in-Chief, *Nauplius* (journal of the Brazilian Crustacean Society), Brazil (2018-present)

Editorial Board, *Journal of Animal Diversity*, Iran (2018-present)

Regional Representative (USA), International Society of Invertebrate Reproduction & Development (ISIRD) (2018-present)

Editorial Board/Associate Editor, *Nauplius*, Brazil (2010-2018)

Faculty Advisor & Editor, "*Catalyst*" science magazine, CAS, AU (2005 - 2015)

Biologist Guest Speaker, Rolling Terrace Elementary School, MD, Career Day (Spring 2013, 2014, 2015)

Ecosystem presenter, 4th grade science class, Rolling Terrace Elementary School, MD (Fall 2011, 2012, 2013, 2014)

President, The Crustacean Society, USA (2012 – 2014)

Associate Editor, *Gulf and Caribbean Research*, USA (2005-2013)

"Scientist is in" public program speaker, Ocean Hall, NMNH, Smithsonian Institution (Oct. 2009; Aug. 2010, 2012)

President-Elect, The Crustacean Society, USA (2010 – 2011)

Building Warden, Chesapeake Bay Ocean Sciences Bowl, AU (Spring 2010)

 “Hands on Science” instructor, Rolling Terrace Elementary School, MD (Jan-Feb. 2009)

Secretary, The Crustacean Society, USA (2004 – 2009)

Judge, Chesapeake Bay Ocean Sciences Bowl, AU (Spring 2007)

Science Coordinator for Honors Program, AU (2003 – 2008)

Judge, Virginia Science Fair, Arlington, VA (Fall 2002)

Research faculty coordinator, Biology Department, AU (2000 – 2004)

**Fellowships & Grants**:

National Science Foundation, MRI – Chemical Instrumentation (2018) - $438,550 (CO-PI with Zou, Fox, Hartings)

American University, CAS, Faculty Research Funding (2017) - $2750 (with Fong)

AU, CAS, Faculty Mellon Grant (2017) - $4000

AU, Center for Teaching, Research and Learning, Open Educational Resources grant (2015) - $2000

AU, University Curriculum Development Award, Coordination of Science Honors program (2004-2005) - $5000

Australian Research Council Postdoctoral Research Fellow (1996-1999), Crustacean Laboratory, Museum of Victoria, Melbourne, Australia. Principal advisor: Dr G. Poore.

Smithsonian Institution Postdoctoral Fellow (1995-1996), Department of Invertebrate Zoology, NMNH, Smithsonian Institution, Washington, D.C., USA. Principal advisor: Dr R. Lemaitre.

French Government Scientific Fellow (1992), Laboratoire Biologie Parasitaire, Protistologie et Helminthologie, Muséum National d'Histoire Naturelle, France. Principal advisor: Prof. J-L. Justine

**Teaching Experience:**

Department of Biology, CAS, AU, Washington, D.C., USA (1999-present) – Professor (2020-present), Associate Professor (2011-2020), Assistant Professor (2008-2011), Adjunct (2006-2008), Adjunct-in-Residence (2004-2006) and Assistant Professor (1999-2004): Teaching introductory biology (non-majors), general biology I & II (majors), evolution (undergraduate and graduate), environmental science, oceanography, marine biology, senior seminar, global biodiversity crisis, marine mammals, invertebrate zoology (with lab) and biology of birds.

Museum of Victoria, Melbourne, Australia (1996-1998)

University of Melbourne, Zoology Department, marine invertebrate field course for 2nd & 3rd year undergraduates.

**Graduate Students** (total = 29)**:**

Michaela Klingaman (MSc 2023, AU) – Anthropogenic noise impacts on local songbirds. Committee chair.

Lindsay Powers (MSc 2021, AU) – Studying Washington D.C.’s Coyote Population in Rock Creek Park. Committee chair.

Josiah Farley (MSc 2021, AU) – Correlation between body pigment reduction and eye reduction in subterranean fish and crustaceans. Committee member.

Kasie Kirkpatrick (MSc 2019, AU) – Comparison of the invertebrate ecosystem within an increasingly urban environment. Committee member.

Maddie Cloud (MSc 2019, AU) – Size-selective predation and sexual selection as potential determinants of macroinvertebrate diversity of groundwater resurgence communities in karst areas. Committee member.

Hannah Evans (MSc 2019, AU) – Understanding captive songbirds’ migratory restlessness by direct and video observation, and comparison with captive nonmigratory songbirds’ activity, for improved seasonal assessment and care of captive migratory songbirds. Committee chair.

Will Jessup (MSc 2018, AU) – Analyzing the Health of the Anacostia River Through Zebrafish Development and Physiology. Committee Member.

Tianyi Feng (PhD 2018, University of Queensland, Australia) – Spermatogenesis and sperm assessment in the black tiger prawn, *Penaeus monodon*. External thesis examiner

Emma Lucore (MSc 2018, AU) – Effects of Time to First Feeding and Opportunity to Learn on the Survival and Growth of Zebrafish (*Danio rerio*) Larvae. Committee Member.

Dorian Russell (MSc 2018, AU) – The influence of edge effects on mantled howler monkey (*Alouatta palliata*) food resource use and availability in a fragmented forest. Committee Chair.

Stacy Hill (MSc 2018, AU) – Dominance & Hierarchy in Red Siskins: Introducing Individuals to an Established Flock. Committee Member.

Milena Wolf (PhD 2018, University of Sao Paulo, Brazil) – Study on the anomuran decapod *Aegla castro* Schmitt, 1942 (Crustacea: Aeglidae) in the Paranapanema and Tibagi basins: Does *A. castro* form a widely distributed taxon or a complex cryptic species? External thesis examiner.

John Doherty (MSc 2016, AU) – Analysis of assemblages of Foraminifera in coral cores from Guam. Committee Member.

Kimberly Kramer (MSc 2016, AU) – Exploring the hormonal and behavioral responses of zoo-housed gorillas (*Gorilla gorilla gorilla*) upon introduction of a female conspecific. Committee Chair.

Minjung Kwon (MSc 2015, AU) – Examination of Anthropogenic Nutrient Additions to Coastal Mangrove Communities: A Multiple Isotope Approach. Committee Member.

Wahida Akberzie (MSc 2010, AU) – Isotope turnover rate and metabolism of *Danio rerio*. Committee Member.

Rania Tarboush (PhD 2010, AU) - UltrastructuralModifications of the Developing Retina Associated with Ambient Light Conditions. Committee Member.

Kerry Chu (MSc 2010, AU) – A morphological comparison of cave amphipods (Family Gammaridae and Crangonyctidae) by divergence time and habitat. Committee Member.

Spencer Koury (MSc 2009, AU) – The role of selection mode and strength in shaping the asymmetry of horns. Committee Member.

Cara Crawford (MSc 2008, AU) – Fluctuating asymmetry as a population health assessment tool in bottlenose dolphins (*Tursiops truncatus*) from Sarasota Bay, Florida. Committee Member

Kara Stablein (MSc 2008, AU) – Sexual Orientation and Human Mate Choice. Committee Member

Natalie Hanson (MSc 2008, AU) – An isotopic analysis of ecosystem connectivity: Are anadromous *Alosa* herring marine nutrient vectors? Committee Member.

Kirby Webster (MSc 2007, AU) - Octocorals as indicators of anthropogenic nutrients. Committee Member

Courtney Elkins (MSc 2006, AU) - An evaluation of cryopreservation protocols on the viability of captive Snow Leopard spermatozoa. Committee member

Lynde Kunkle (MSc 2004, AU) – Evaluation of the cephalopod mollusk *Illex oxygonius* as a hybrid of two squid species (*I. illecebrosus* and *I. coindetii*) and *I. coindetii* as a valid species using molecular data. Committee member

Rebecca Kirk Ritger (MSc 2004, AU) – Biology and systematics of a new species of ribbon worm, genus *Tubulanus* (Phylum Nemertea). Committee Chair

Bonnie Coy (MSc 2002, AU) – Fluctuating asymmetry in the California Sea Lion. Committee member

Leigh-Ann LeBlanc (MSc 2002, University of Louisiana at Lafayette) – Process of insemination in thalassinideans. Committee member

Stephen G. Dunbar (PhD 2002, Central Queensland University, Australia) – Respiratory, osmoregulatory and behavioural determinants of distribution of tropical marine hermit crabs. External thesis examiner

**Memberships**: Brazilian Crustacean Society; The Carcinological Society of Japan; Cornell Lab of Ornithology (USA); International Society of Invertebrate Reproduction and Development; Latin American Association of Carcinology (ALCARCINUS); The Crustacean Society (USA).

**Publication Reviews:** Acta Zoologica (Stockholm), Aquaculture (UK), Aquatic Biology (Germany), Arthropod Structure & Development (Germany); Biological Journal of the Linnean Society (UK); Bulletin of Marine Science; Crustaceana (Netherlands); Crustacean Research (Japan); Gulf and Caribbean Research; Hydrobiologia (Netherlands); Invertebrate Biology; Invertebrate Reproduction and Development (Israel); Invertebrate Systematics (Australia); Journal of Crustacean Biology; Journal of Morphology; Journal of the Marine Biological Association (UK); Journal of Natural History (UK); Journal of Zoological and Systematic Evolutionary Research (Italy); Journal of Zoology (UK); Marine Biology; Memoirs de Museum national d’Histoire naturelle (Paris); Memoirs of Museum Victoria (Australia); Molecular Reproduction & Development (Japan); Natural History Research (Japan); Naturwissenschaften (Germany); Nauplius (Brazil); New Zealand Journal of Marine and Freshwater Research (NZ); NOAA Professional Papers Series (USA); Oxford University Press (UK); Organisms, Diversity & Evolution (Germany); Proceedings of the Biological Society of Washington, Raffles Bulletin of Zoology (Singapore); Smithsonian Contributions; Systematics & Biodiversity (UK); Tissue and Cell (Netherlands); Tropical Zoology (Italy); Zoologischer Anzeiger (Ireland); Zoology (Italy); Zoomorphology (Germany); Zoosystema (Paris); Zootaxa (New Zealand): total = 40

**Grant Reviews:** Israeli Ministry of Science and Technology (Israel) (Spring 2018, summer 2021)

National Geographic Society (USA) (Fall 2017)

National Science Foundation (USA) (x10) (2000-2015)

United States Geological Survey (2015)

Louisiana Board of Regents, External Grant Review (x2) (2014-15)

National Science Foundation, Proposal Review Panel, Processes, Structure & Integrity – Animal 1 (Spring 2012)

**Publications**: **In preparation or submitted**

1. Zara, F.J., Robles, R., **Tudge**, C. C. and Mantelatto, F. L. (2020). Spermiotaxonomy and molecular analysis supports a phylogeny in the Portunidae (Crustacea: Decapoda). (In preparation).
2. **Tudge**, C.C., Maniatis, L. & Mantelatto, F. (2020). Positive allometry in the sexual tube of *Coenobita perlatus* is associated with negative allometry in a neighboring structure. (In preparation).
3. Oliveira, L.J.F., Tudge, C.C. and Zara, F.J. (2020). Comparative morphology of the spermatophores and spermatozoa of three Amazon freshwater crabs (Decapoda, Trichodactylidae). (Submitted).
4. Wolf, M.R., Zara, F.J., Tudge, C.C., Bueno, S.L.S. and Castilho, A.L. (2020). Ultrastructure of spermatozoa of *Aegla* sp. (Decapoda, Anomura, Aeglidae): Description of morphological patterns and information for conservation. (In preparation).

**Publications: Accepted for publication or** **In-press**

**Publications**: **Published**

 **Books**

1. **Tudge**, C. C. (1995a). "Hermit Crabs of the Great Barrier Reef and Coastal Queensland." School of Marine Science, The University of Queensland, Australia and Backhuys Publishers, Leiden. pp. 1-40
2. **Tudge**, C. C. (1995b). "The Ultrastructure and Phylogeny of Anomuran Crab Spermatozoa". Ph.D. Thesis, Zoology Department, The University of Queensland, Brisbane, Australia. pp. 1-346

**Book Chapters**

1. Tan, M.M.J., Tudge, C.C., Penna-Diaz, M.A. and Thiel,M. (2020). Chapter 3. Fertilization success in crustaceans from the male perspective: Sperm ultrastructure and sperm economy. In: R. Cothran & M. Thiel (eds), The Natural History of the Crustacea, Vol. 6. Reproductive Biology. Pp. 60-85.
2. Dworschak, P., Felder, D. and **Tudge**, C. C. (2012). Infraorders Axiidea de Saint Laurent, 1979 and Gebiidea de Saint Laurent, 1979 (formerly known collectively as Thalassinidea). In: F. R. Schram & J. C. von Vaupel Klein (eds) *Treatise on Zoology – Anatomy, Taxonomy, Biology – The Crustacea, Vol. 9.Part B. Eucarida: Decapoda: Astacidea P. P. (Enoplometopoidea, Nephropoidea), Glypheidea, Axiidea, Gebiidea, and Anomura.* Koninglijke Brill, Netherlands, pp. 109-219.
3. **Tudge,** C. C., Asakura, A., and Ahyong, S. (2012). Infraorder Anomura MacLeay, 1838. In: F. R. Schram & J. C. von Vaupel Klein (eds) *Treatise on Zoology – Anatomy, Taxonomy, Biology – The Crustacea, Vol. 9.Part B. Eucarida: Decapoda: Astacidea P. P. (Enoplometopoidea, Nephropoidea), Glypheidea, Axiidea, Gebiidea, and Anomura.* Koninglijke Brill, Netherlands, pp. 221-333.
4. **Tudge, C. C**. (2009). Spermatozoal morphology and its bearing on decapod phylogeny. In: J. Martin, K. Crandall and D. Felder (eds.) *Decapod Crustacean Phylogenetics*. Proceedings of a symposium in San Antonio, Texas, January 2008. Crustacean Issues 18. CRC Press, Boca Raton, pp. 101-119
5. Robles, R., **Tudge, C. C**., Dworschak, P., Poore, G. and Felder, D. (2009). Molecular phylogeny of the Thalassinidea based on nuclear and mitochondrial genes. In: J. Martin, K. Crandall and D. Felder (eds.) *Decapod Crustacean Phylogenetics*. Proceedings of a symposium in San Antonio, Texas, January 2008. Crustacean Issues 18. CRC Press, Boca Raton, pp. 309-326
6. Jamieson, B.G.M. and **Tudge**, C.C. (2000). 1. Crustacea-Decapoda. In: B.G.M. Jamieson (ed.) "Progress in Male Gamete Ultrastructure and Phylogeny", vol. 9. part c of K. G. & R. G. Adiyodi (eds.) Reproductive Biology of the Invertebrates. John Wiley & Sons, Chichester. pp. 1-95
7. **Tudge**, C. C. (1995). Ultrastructure and Phylogeny of the Spermatozoa of the Infraorders Thalassinidea and Anomura (Decapoda, Crustacea). In: Jamieson, B.G.M., Ausio, J. and Justine, J.-L. (eds.) "Advances in Spermatozoal Phylogeny and Taxonomy." Mémoires du Muséum national d'Histoire naturelle (Paris), 166: 251-263
8. **Tudge**, C.C. (1993). Hermit Crabs (Order Decapoda, Infraorder Anomura). In P. Mather and I. Bennett (eds) "A Coral Reef Handbook. A guide to the geology, flora and fauna of the Great Barrier Reef." Surrey Beatty & Sons, Sydney. pp 116-120

**Edited Volumes**

1. Mantelatto, F. L. and **Tudge**, C.C. (2010). (Editors) Biology of Anomura III. Proceedings of a symposium at The Crustacean Society Summer Meeting in Tokyo, Japan & 47th Annual Meeting of the Carcinological Society of Japan, September 20-24, 2009. Nauplius 18(1): 1-102.
2. Lemaitre, R. and **Tudge**, C.C. (2006). (Guest Editors) Biology of Anomura II. Proceedings of a symposium at the Sixth International Crustacean Congress, Glasgow, Scotland, UK, 18-22 July 2005. Crustacean Research, Special Number 6: 1-199
3. Lemaitre, R. and **Tudge**, C.C. (2003). (Editors) Biology of the Anomura. Proceedings of a symposium at the Fifth International Crustacean Congress, Melbourne, Australia, 9-13 July 2001. Memoirs of Museum Victoria 60(1): 1-149

**Refereed journal articles**

1. Sepahvand, V., Momtazi, F. and **Tudge**, C. (2020). A new species of ghost shrimp of the genus *Michaelcallianassa* Sakai, 2002 (Crustacea: Decapoda: Axiidea: Callichiridae) from subtidal waters of the Persian Gulf, Iran. Zootaxa 4810(2): 383-388 (DOI: 10.11646/zootaxa.4810.2.12).
2. Sepahvand, V. and **Tudge**, C.C. (2019). Update on the burrowing shrimps (Axiidea and Gebiidea) of the Persian Gulf and Gulf of Oman, Iran including first finding of *Corallianassa martensi* (Miers, 1884) in Iranian waters. Journal of Animal Diversity 1(2): 1-8. (DOI: 10.29252/JAD.2019.1.2.1).
3. Kwon, M. J., **Tudge**, C. C., Kim, K., Baker, D. and MacAvoy, S. E. (2018). Museum collections yield information on nitrogen sources for coastal Gulf of Mexico, North Carolina and Caribbean Sea invertebrates 1850 to 2004. Journal of Shellfish Research, 37(5): 1159-1165. <https://doi.org/10.2983/035.037.0525>.
4. Camargo, T. R., Wolf, M. R., Mantelatto, F. L., **Tudge**, C. C and Zara, F. J. (2018). Ultrastructure of spermatozoa of members of Calappidae, Aethridae and Menippidae and discussion of their phylogenetic placement. Acta Zoologica, 2018: 1-12. (DOI: 10.1111/azo.12273).
5. Sepahvand, V., **Tudge**, C.C. and Momtazi, F. (2018). *Callianassa ehsani*, a new species of Callianassidae (Crustacea, Decapoda, Axiidea) from the Gulf of Oman, Iran. Zootaxa 4410(2): 370-378 (DOI: 10.11646/zootaxa.4410.2.6).
6. **Tudge**, C. C., Lemaitre, R. and Schneider-Paolantonio, K. (2018). Studies of male sexual tubes in hermit crabs (Crustacea: Decapoda: Anomura: Paguroidea). III. Morphology of the sexual tube in *Catapagurus sharreri* A. Milne-Edwards, 1880(Paguridae). Journal of Crustacean Biology, 38(2): 235-240 (doi:10.1093/jcbiol/rux124).
7. Assugeni, C. O., Magalhaes, T., Bolanos, J., **Tudge**, C. C., Mantelatto, F. L. and Zara, F. J. (2017). Ultrastructure of the spermatozoa of spider crabs, family Mithracidae (Crustacea, Decapoda, Brachyura): Integrative analysis based on morphological and molecular data. Journal of Morphology 278: 1628-1646 (doi: 10.1002/jmor.20737).
8. Rogers, D.C, Ahyong, S. T., Boyko, C.B, D’Udekem D’Acoz, C., et al. (2017). Images are not and should not ever be type specimens: a rebuttal to Garraffoni & Freitas. Zootaxa 4269(4): 455-459.
9. **Tudge**, C.C. (2016). Amir Sagi, recipient of the Crustacean Society Excellence in Research Award. Journal of Crustacean Biology 36(6): 865-866.
10. Sepahvand, V., Momtazi, F. and **Tudge** C.C. (2015). *Cheramus iranicus*, a new species of ghost shrimp (Decapoda: Axiidea: Callianassidae) from the Persian Gulf, Iran. Zootaxa 4040(2): 215-224.
11. Sepahvand, V., Sari, A., **Tudge**, C.C. and Bolouki, M. (2014). A study of burrow morphology of representative axiid and gebiid mud shrimps, from Persian Gulf and Gulf of Oman, Iran. Nauplius 22(2): 137-144.
12. Poore, GCB., Ahyong, ST., Bracken-Grissom, HD., Chan, T-Y., Chu, KH., Crandall, KA., Dworschak, PC., Felder, DL., Feldmann, RM., Hyzny, M., Karasawa, H., Lemaitre, R., Komai, T., Li, X., Mantelatto, FL., Martin, JW., Ngoc-Ho, N., Robles, R., Schweitzer, CE., Tamaki, A., Tsang, LM., **Tudge**, CC. (2014). On stabilising the names of the infraorders of thalassinidean shrimps, Axiidea De Saint Laurent, 1979 and Gebiidea De Saint Laurent, 1979 (Decapoda). Crustaceana 87(10): 1258-1272.
13. **Tudge**, C.C., Scheltinga, D.M., Jamieson, B.G.M., Guinot, D. and Richer de Forges, B. (2014). Comparative ultrastructure of the spermatozoa of the Majoidea (Crustacea, Decapoda, Brachyura) with new data on six species in five genera. Acta Zoologica 95(1): 1-20 (First published on-line Nov. 7, 2012, doi: 10.1111/azo.12005).
14. Becker, C., Klaus, S and **Tudge** C. (2013). Male internal reproductive structures of European pea crabs (Crustacea, Decapoda, Brachyura, Pinnotheridae): Vas deferens morphology and spermatozoal ultrastructure. Journal of Morphology 274(11): 1312-1322.
15. Klaus, S., Munzner, S., Modenbach, A-C., Streit, B. & **Tudge, C.C**. (2013). Spermatophore formation and sperm ultrastructure of *Sundathelphusa philippina* (Crustacea: Brachyura: Gecarcinucidae). Acta Zoologica 94(3): 267-272 (doi: 10.1111/j.1463-6395.2011.00550.x).
16. Tirelli, T., Gamba, M., Pessani, D. and **Tudge**, C. C. (2013). Spermatophore and spermatozoa ultrastructure of the Mediterranean hermit crab *Pagurus excavatus* (Paguridae, Anomura, Decapoda). Journal of the Marine Biological Association of the United Kingdom, 93(5): 1363-1371.
17. Staskowian Benetti, A., Tavares, M., Carvalho dos Santos, D. & **Tudge**, C.C. (2013). Ultrastructure of the spermatophores and spermatozoa from the gecarcinid land crab, *Cardisoma guanhumi* Latreille, 1828 (Crustacea, Brachyura, Gecarcinidae) from the western Atlantic. Invertebrate Reproduction & Development 57(1): 61-69.
18. Terossi, M., **Tudge**, C., Lopez Greco, L. S. and Mantelatto, F. L. (2012). A novel spermatozoon ultrastructure in the shrimp *Hippolyte obliquimanus* Dana, 1852 (Decapoda: Caridea: Hippolytidae). Invertebrate Reproduction and Development 56(4): 299-304.
19. Taylor, J., Asakura, A. and **Tudge**, C. (2011). Gary Charles Beresford Poore: Recipient of The Crustacean Society Excellence in Research Award. Journal of Crustacean Biology 31(1): 217-220.
20. Lemaitre, R., **Tudge**, C.C. and McLaughlin, P.A. (2010). Preliminary study of the preungual process in the Paguroidea, with emphasis on the Paguridae (Crustacea: Decapoda: Anomura). Nauplius 18(1): 13-23.
21. Tirelli, T., Sylvestro, D., Pessani, D. and **Tudge, C. C**. (2010). Description of the male reproductive system of *Paguristes eremita* (Anomura, Diogenidae) and its placement in a phylogeny of diogenid species based on spermatozoa and spermatophore ultrastructure. Zoologischer Anzeiger 248: 299-312.
22. Mantelatto, F. L., Scelzo, M. A. and **Tudge**, C.C. (2009). Morphological and morphometric appraisal of the spermatophore of the southern hermit crab *Isocheles sawayai* Forest and Saint-Laurent, 1968 (Anomura: Diogenidae), with comments on gonopores in both sexes. Zoologischer Anzeiger 248(1): 1-8
23. Kawai, T. and **Tudge**, C.C. (2008). Re-examination of the type material of *Cambaroides schrenckii* (Kessler, 1874) (Decapoda: Cambaridae) with a lectotype designation, re-description, and discussion on its phylogenetic position. Proceedings of the Biological Society of Washington 121(2): 158-176
24. Tirelli, T., Pessani, D., Silvestro, D. and **Tudge**, C.C. (2008). Reproductive biology of Mediterranean hermit crabs: fine structure of spermatophores and spermatozoa of *Diogenes pugilator* (Decapoda, Anomura) and its bearing on a sperm phylogeny of Diogenidae. Journal of Crustacean Biology 28: 534-542
25. Tirelli, T., Campantico, E., Pessani, D. and **Tudge**, C.C. (2007). Reproductive biology of Mediterranean hermit crabs: male reproductive apparatus of *Clibanarius erythropus* (Decapoda, Anomura). Journal of Crustacean Biology 27(3): 404-410
26. **Tudge**, C.C. and Lemaitre, R. (2006). Studies of male sexual tubes in hermit crabs (Crustacea, Decapoda, Anomura, Coenobitidae). II. Morphology of the sexual tube in the land hermit crabs, *Coenobita perlatus* and *C. clypeatus*. Crustacean Research, Special Number 6: 121-131
27. Litulo, C., Abreu, D. and **Tudge**, C.C. (2006). Reproductive Biology of *Calcinus laevimanus* (Randall, 1840) (Anomura: Diogenidae) from Inhaca Island, southern Mozambique. Crustacean Research, Special Number 6: 57-66
28. Tirelli, T., Campantico, E., Pessani, D. and **Tudge**, C.C. (2006). Description of the male reproductive apparatus of the hermit crab *Calcinus tubularis* (Anomura, Diogenidae). Crustacean Research, Special Number 6: 13-21
29. Scelzo, M.A., Medina, A. and **Tudge**, C.C. (2006). Spermatozoal ultrastructure of the hermit crab *Loxopagurus loxochelis* (Moreira, 1901) (Anomura, Diogenidae) from the southwestern Atlantic. Crustacean Research, Special Number 6: 1-11
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57. **Tudge**, C.C. and Justine, J.-L. (1994). The cytoskeletal proteins actin and tubulin in the spermatozoa of four decapod crabs (Crustacea, Decapoda). Acta Zoologica (Stockholm) 75: 277-285
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63. Jamieson, B.G.M. and **Tudge**, C.C. (1990). Dorippids are Heterotremata: evidence from ultrastructure of the spermatozoa of *Neodorippe astuta* (Dorippidae) and *Portunus pelagicus* (Portunidae) (Brachyura: Decapoda). Marine Biology 106:347-354

**Refereed papers in conference proceedings**

1. Tirelli, T., Sylvestro, D., Campantico, E., **Tudge, C. C**. and Pessani, D. (2011). Morphology of *Paguristes eremita* spermatophores and spermatozoa in comparison to those of the other Mediterranean Diogenidae (Decapoda, Anomura) and their bearing on a sperm phylogeny of the family. Museo Regionale di Scienze Naturali di Torino, Atti IX Colloquium Crustacea Decapoda Mediterranea 2008: 343-355.
2. **Tudge**, C. C. (1994). Comparative Ultrastructure of Hermit Crab Spermatozoa (Paguroidea, Anomura, Decapoda). Paper in the Proceedings of the Seventh International Spermatology Symposium, 9-14 October, 1994, Cairns, Australia. pp. 5.33-5.34

**Conferences – Poster Presentations**:

1. Preliminary Phylogenetic Analysis of Hermit Crab Relationships Based on Sperm and Spermatophore Morphology. 11th Meeting Willi Hennig Society, August, 1992, CNRS, Paris, France.

2. Hermit Crab Phylogeny: Evidence from Spermatozoal Ultrastructure and Spermatophores. 1st European Crustacean Conference, September, 1992, Muséum National d'Histoire Naturelle, Paris, France.

3. Sperm Phylogeny of the Anomura (Decapoda, Crustacea). 2nd European Crustacean Conference, September, 1996, University of Liège, Belgium.

4. The anomuran spermatophore (Decapoda, Crustacea): A definitive character. 2nd European Crustacean Conference, September, 1996, University of Liège, Belgium.

5. Spermatological Phylogeny of the Anomuran Crabs (Decapoda: Crustacea). Australian Systematic Biology National Conference, October, 1997, University of Adelaide, South Australia, Australia.

6. Marine cryptofauna survey of Yaqara Bay, Fiji: Finding the fauna before and after development. 38th European Marine Biology Symposium, Sept. 8-12, 2003, University of Aviero, Portugal (co-author: S. Dunbar).

7. Reproductive biology of *Calcinus laevimanus* (Randall, 1840) (Anomura: Diogenidae) from Inhaca Island, southern Mozambique. 6th International Crustacean Congress, July 18-22, 2005, University of Glasgow, Scotland, UK (co-authors: C. Litulo & D. Abreu).

8. Spermatozoal ultrastructure in three Atlantic solenocerid shrimps (Decapoda, Dendrobranchiata). 6th International Crustacean Congress, July 18-22, 2005, University of Glasgow, Scotland, UK (co-authors: M. Scelzo & A. Medina).

9. Spermatozoal ultrastructure of the hermit crab *Loxopagurus loxochelis* (Moreira, 1901) (Anomura, Diogenidae) from the southwestern Atlantic. 6th International Crustacean Congress, July 18-22, 2005, University of Glasgow, Scotland, UK (co-authors: M. Scelzo & A. Medina).

10. The hermit crab preungual process revealed: SEM analysis of *Phimochirus holthuisi* (Paguridae). 6th International Crustacean Congress, July 18-22, 2005, University of Glasgow, Scotland, UK (co-authors: R. Lemaitre & S. Trunnell).

11. Morphological and morphometric appraisal of the spermatophore of the southern hermit crab *Isocheles sawayai* (Anomura: Diogenidae) from the Brazilian coast. The Crustacean Society Mid-Year Meeting, 14-17 October, 2007, Coquimbo, Chile (co-authors: F. Mantelatto & M. Scelzo).

12. Spermatophore morphology in the porcelain crab (*Pachycheles laevidactylus* Ortmann, 1892) (Decapoda, Anomura, Porcellanidae) from Argentine marine waters. The Crustacean Society Mid-Year Meeting, 14-17 October, 2007, Coquimbo, Chile (co-author: M. Scelzo).

13. Positive allometry of a secondary sexual trait, the calcified sexual tube, in a land hermit crab (*Coenobita perlatus*) is correlated with negative allometry of the neighboring coxa. The Crustacean Society Summer Meeting, 6-9 June, 2011, Honolulu, Hawaii, USA (co-authors: F. Mantelatto & L. Maniatis).

14. Studies in male sexual tubes in hermit crabs (Crustacea: Decapoda: Anomura: Paguroidea: Paguridae): SEM observations of morphology in *Catapagurus sharreri* A, Milne-Edwards, 1880. The Crustacean Society Summer Meeting & 10th Colloquium Crustacea Decapoda Mediterranea, 3-7 June, 2012, Athens, Greece (co-authors: K. Schneider & R. Lemaitre).

15. Examination of Anthropogenic Nutrient Additions to Coastal Mangrove Communities: A Multiple Isotope Approach. The Crustacean Society and International Association of Astacology Mid-year Meeting. July 19-23, 2015, Australian Museum, Sydney, Australia (co-authors: M. Kwon, S. MacAvoy & K. Kim).

16. Makengue Reserve, Nicaragua: education and outreach opportunities for bird diversity, behavior and evolution. North American Ornithological Congress VI, Washington, DC, USA, 16-20 August, 2016 (co-author: J. Carr).

17. Comparative analysis of the spermatozoal ultrastructure within three families of the infraorder Brachyura (Crustacea: Decapoda). IX Brazilian Crustacean Congress, Cariri Conference Centre, Crato, CE, Brazil, 6-9 November, 2016 (co-authors: T. Camargo, M. Wolf, F. Mantelatto & F. Zara).

18. Comparative ultrastructure of spermatozoa in spider crabs (Epialtidae). IX Brazilian Crustacean Congress, Cariri Conference Centre, Crato, CE, Brazil, 6-9 November, 2016 (co-authors: C. Assugeni, M. Bento, J. Alves & F. Zara).

**Conferences - Presented (or invited) Papers**:

1. Ultrastructure and Phylogeny of Hermit Crab Spermatozoa and Spermatophores (Paguroidea, Decapoda). Australian Marine Sciences Assoc. Conference, July, 1991, University of Queensland, Australia (paper).

2. Comparative Ultrastructure of Hermit Crab Spermatozoa (Paguroidea, Anomura, Decapoda). 7th International Spermatology Symposium, October, 1994, Cairns, Australia (paper).

3. Phylogenetic analysis of generic relationships within the mud-shrimp families, Callianassidae and Ctenochelidae (Crustacea: Decapoda: Thalassinidea: Callianassoidea). 1999 Summer meeting, The Crustacean Society, May, 1999, Lafayette, Louisiana, USA (paper).

4. Endemic and enigmatic: a review of the reproductive biology of *Aegla* (Crustacea: Decapoda: Anomura). 5th International Crustacean Congress and 2001 Summer meeting, The Crustacean Society, July 2001, The University of Melbourne, Victoria, Australia (paper).

5. Microstructure of the male sexual tube in pagurid hermit crabs (Crustacea, Decapoda, Anomura, Paguridae). 8th Colloquium Crustacea Decapoda Mediterranea, September 2002, Ionian Academy, Corfu, Greece (paper).

6. Systematics and evolution of the Thalassinidea (Crustacea, Decapoda). 6th International Congress of Systematic and Evolutionary Biology, September 2002, University of Patras, Patras, Greece (paper).

7. Phylogenetic position of *Aegla* based on molecular data revisited using direct optimization of DNA sequences. Summer meeting, The Crustacean Society, June 2003, Virginia Institute of Marine Science, William and Mary College, Williamsburg, Virginia (paper).

8. Molecular phylogeny of the Anomura and Thalassinidea. Workshop for the Graduate College at the Humboldt University & Berlin Natural History Museum, June 2003, Berlin, Germany (invited speaker).

9. Taking a closer look: current and future directions in anomuran morphology and reproduction. 6th International Crustacean Congress, July 18-22, 2005, University of Glasgow, Scotland, UK (keynote address).

10. Male sexual tube morphology in the land hermit crabs *Coenobita perlatus* and *Coenobita clypeatus* (Coenobitidae). 6th International Crustacean Congress, July 18-22, 2005, University of Glasgow, Scotland, UK (paper, co-author: R. Lemaitre).

11. Functional morphology of the hermit crab male sexual tube (Decapoda, Anomura, Paguridae & Coenobitidae). 11th International Congress on Invertebrate Reproduction and Development, August 6-9, 2007, Smithsonian Tropical Research Institute, Panama City, Panama (paper, co-author: R. Lemaitre).

12. Sperm morphology and its bearing on decapod phylogeny. *Advances in Decapod Crustacean Phylogenetics Symposium*, Society of Integrative and Comparative Biology (SICB) Annual Meeting, San Antonio, Texas, January 2-6, 2008 (invited speaker).

13. Fine structure of spermatophores and spermatozoa of *Calcinus tubularis, Clibanarius erythropus, Diogenes pugilator,* and *Paguristes eremita* (Decapoda, Anomura) and their bearing on a sperm phylogeny of the Diogenidae. IX Colloquium Crustacea Decapoda Mediterranea, Torino, Italy, September 2-6, 2008 (paper, co-authors: T. Tirelli, D. Silvestro, E. Campantico and D. Pessani).

14. Callianassidae and related families (Decapoda: Thalassinidea): progress towards a practical classification based on morphology and molecules. International Symposium on Advances in Crustacean Phylogenetics, Rostock, Germany, October, 7-11, 2008 (paper, co-authors: G. Poore, R. Robles, P. Dworschak and D. Felder).

15. Decapod Phylogeny: a unique spermatological perspective. International Symposium on Advances in Crustacean Phylogenetics, Rostock, Germany, October, 7-11, 2008 (invited speaker).

16. Totally unique: decapod spermatozoa and their role in crustacean spermiocladistics. Participant in a round table entitled “Reproduction as a complex puzzle: the interaction of morphology, physiology, ecology, behavior and phylogeny” at the Fifth Brazilian Crustacean Congress, Gramado, Brazil, November, 10-13, 2008 (invited speaker).

17. Sperm for fun and profit: morphology, molecules and evolution. Graduate and postgraduate seminar for the Departamento de Biologia da Faculdade de Filosofia, Ciencias e Letras de Riberåo Preto, Universidade de Såo Paulo, SP, Brazil, November 18, 2008 (invited speaker).

18. Practical applications in decapod reproductive biology. Workshop and Mini-course for graduate and postgraduate students at the Departamento de Biologia da Faculdade de Filosofia, Ciencias e Letras de Riberåo Preto, Universidade de Såo Paulo, SP, Brazil, November 17-19, 2008 (invited speaker).

19. The Anomolous Anomura: an update on “progress” toward their phylogeny. The Crustacean Society Summer Meeting in Tokyo, Japan & 47th Annual Meeting of the Carcinological Society of Japan, September 20-24, 2009 (invited plenary speaker).

20. Towards a sensible, consistent, descriptive terminology in crustacean decapod spermatology. Reproduction & Development Symposium, The Crustacean Society & Latin American Association of Carcinology Summer Meeting, San Jose, Costa Rica, 7-11 July, 2013 (invited speaker).

21. Special Topics in Crustacean Spermiotaxonomy. Project BIOTA-FAPESP “Decapod Crustaceans: multi-disciplinary characterization of the sea biodiversity of the State of São Paulo (taxonomy, spermiotaxonomy, molecular biology and population dynamics”. University of São Paulo, Department of Biology, Paulista State University, Jaboticabal, SP, Brazil, 24-27 November, 2015 (invited speaker).

22. Sperm Tales: future directions in crustacean reproductive morphology. IX Brazilian Crustacean Congress, Cariri Conference Centre, Crato, CE, Brazil, 6-9 November, 2016 (invited plenary speaker).

23. “Crustacean Evolution: A Reproductive Perspective” and “Future Directions in Applied Spermatology & Spermiotaxonomy”. Post-graduation Course at Universidade Estadual Paulista Julio de Mesquita Filho (UNESP), Botucatu, SP, Brazil, 25-27 March, 2018 (invited speaker).

24. “Everything you wanted to know about hermit crab sex, but were afraid to ask”. CRABCON 2020 (virtual), USA, 9-12 July, 2020 (https://hopin.to/events/crab-con-2020#speakers) (invited speaker).

**Conferences - Symposium Organizer, Chairperson or Scientific Committee**:

1. Systematics and Biology of the Anomura. 5th International Crustacean Congress and 2001 Summer meeting, The Crustacean Society, July 2001, The University of Melbourne, Victoria, Australia (Symposium co-organizer with R. Lemaitre & chairperson).

2. Patterns and Processes in Crustacean Evolution. 6th International Congress of Systematic and Evolutionary Biology, September 2002, University of Patras, Patras, Greece (Symposium organizer & chairperson).

3. Systematics Session. Summer meeting, The Crustacean Society, June 2003, Virginia Institute of Marine Science, William and Mary College, Williamsburg, Virginia (Chairperson).

4. Biology of the Anomura II. Symposium 8. 6th International Crustacean Congress, July 18-22, 2005, University of Glasgow, Scotland, UK (Symposium co-organizer with R. Lemaitre & Chairperson).

5. Reproductive Morphology Session. 11th International Congress on Invertebrate Reproduction and Development, August 6-9, 2007, Smithsonian Tropical Research Institute, Panama City, Panama (Chairperson).

6. 9th Colloquium Crustacea Decapoda Mediterranea, Torino, Italy, September 2-6, 2008 (Scientific Committee)

7. Biology of Anomura III. Symposium S13. The Crustacean Society Summer Meeting & 47th Annual Meeting of the Carcinological Society of Japan, Tokyo, Japan, September 20-24, 2009 (Symposium co-organizer with F. Mantelatto & chairperson).

8. 7th International Crustacean Congress (ICC7), Qingdao, China, June 20-25, 2010 (Scientific Committee).

9. The Crustacean Society Summer Meeting & 10th Colloquium Crustacea Decapoda Mediterranea, 3-7 June, 2012, Athens, Greece (Scientific Organizing Committee & Symposium chairperson – Session A, Taxonomy, Phylogeny & Biogeography).

10. The Crustacean Society & Latin American Association of Carcinology Summer Meeting, San Jose, Costa Rica, 7-11 July, 2013 (Organizing Committee & Symposium chairperson - Reproduction & Development).

11. 13th International Congress of Invertebrate Reproduction and Development, Wayne State University, Detroit, MI, USA, July 14-19, 2013 (Scientific Organizing Committee and Symposium chairperson – Crustacean Reproduction, Development & Regeneration).

12. 9th International Crustacean Congress, Washington, DC, USA, May 22-25, 2018 (Local and Scientific Organizing Committee & Symposium chair (x2)).

13. The XI Brazilian Crustacean Congress and The Crustacean Society Summer Meeting (CBC/TCS) 2022, Santos City, SP, Brazil, June, 2022 (Chair - Scientific Organizing Committee).

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