

MCANALLY, MORGAN A. – mmcanally@ut.edu

PROFESSIONAL PREPARATION

- University of South Florida, Ph.D. Mathematics, 2017
- University of South Florida, M.A. Mathematics, 2013
- University of South Florida, B.A. Mathematics, 2011
- University of Tampa, B.A. Psychology, 2007

APPOINTMENTS

- Teaching Assistant, University of South Florida, 2010-2017
- Adjunct Instructor, Hillsborough Community College, 2015-2017
- Academic Services Administrator, SMART lab University of South Florida, 2017
- Adjunct Instructor, University of South Florida, 2017-2018
- Assistant Professor of Mathematics, University of Tampa, 2018-Present

COURSES TAUGHT

- College Algebra (7 semesters, 2 classes), PreCalculus (1 semester), Engineering Calculus III (2 semesters), Pre-algebra, Beginning Algebra, Calculus I, Developmental Math, Intermediate Algebra

PRODUCTS

- M. McAnally, W. Ma. 2017. Bi-integrable couplings associated with $so(3, R)$. Bull. Malaysian Math. Societ. (2017) <https://doi.org/10.1007/s40840-017-0580-y>.
- M. McAnally, W. Ma. 2017. An integrable generalization of the D-Kaup-Newell soliton hierarchy and its Hamiltonian structure. Appl. Math. Comput. (2017) <https://doi.org/10.1016/j.amc.2017.11.004>.
- M. McAnally, W. Ma. 2017. Integrable couplings of a generalized D-Kaup-Newell soliton hierarchy and their Hamiltonian structures. (Preprint, 2017).
- M. McAnally, W. Ma. 2017. Darboux transformations of integrable couplings and an application to a generalized D-Kaup-Newell soliton hierarchy. (Preprint, 2017).
- C. G. Shi, W. X. Ma, and M. A. McAnally. Integrable counterparts of the D-Kaup-Newell soliton hierarchy. Appl. Math. Comp. 248: 463-469 (2014).

SYNERGISTIC ACTIVITIES

On a team that developed a SMART lab, Science, Math and Research Technology lab, at USF. The innovative 324-computer lab provides hands-on learning from a tutoring staff, while guiding students to be self-driven learners. Helped organize and plan a new direction for all College Algebra, PreCalculus,

and Finite math classes at USF. The design incorporates team learning, active classroom responses, and the SMART lab.

COLLABORATORS & OTHER AFFILIATIONS

Dr. Wen-Xiu Ma, Dissertation Advisor