

## **Anthony M. Greco**

University of South Florida  
College of Marine Science  
140 7<sup>th</sup> Ave. South  
St. Petersburg, FL 33701  
tgreco@usf.edu  
727-553-1595

### **EDUCATION**

M.S. in Biology, May 1978 – Western Kentucky University, Bowling Green, KY  
B.A. in Biology, May 1976 – LaSalle University, Philadelphia, PA

### **PROFESSIONAL EXPERIENCE**

**Electron Microscope Manager** – College of Marine Science, University of South Florida.  
November 1980 – present

**Research Specialist** – University of Pennsylvania, November 1978 - October 1980

**Laboratory Technician** – Department of Agriculture, June 1978 - September 1978

### **TEACHING EXPERIENCE**

#### **Graduate Courses**

Scanning Electron Microscopy – Theory and Techniques 1982-2018

Transmission Electron Microscopy 1995-2017

#### **Undergraduate Courses**

Scanning Electron Microscopy – Theory and Techniques 2014-2019

### **PUBLICATIONS**

1. Rosario Karyna, Mettel Kaitlin A, **Greco Anthony** and Breitbart Mya. Prevalence of a vertically transmitted single-stranded DNA virus in spinybacked orbweavers (*Gasteracantha cancriformis*) from Florida, USA. 2019, Journal of Virology
2. Van Bogaert Noemi, Rosario Karyna, Furman Bradley T, **Greco Anthony**, and Breitbart Mya. Discovery of a novel potexvirus in the seagrass *Thalassia testudinum* from Tampa

Bay, Florida 2018. Limnology and Oceanography  
Letters

3. Schwing Patrick, O'Malley B. J, Romero Isabel C, **Greco Anthony M** and Hollander David J. Characterizing the variability of benthic foraminifera in the northeastern Gulf of Mexico following the Deepwater Horizon event 2016. Environmental Science and Pollution Research
4. Dunlap Darren S, Fei Fan Ng Terry, Rosario Karyna, **Greco Anthony M** and Hewson Ian. Molecular and microscopic evidence of viruses in marine copepods. 2013 Proceedings of the National Academy of Sciences
5. Hewson Ian, Ng G, Li W, LaBarre BA, Aguirre I, Barbosa JG, Breitbart M, **Greco, AM**, Kearns CM, Looi A, Schffner LR, Thompson, PD, Hairston NG Metagenomic identification, seasonal dynamics and potential transmission mechanisms of a Daphnia-associated putative RNA-DNA hybrid virus in two temperate lakes. 2013. Limnology and Oceanography
6. Cassill Debbie L, **Greco Anthony M**, Silwal Rajesh and Wang Xuefeng. Opposable spines facilitate fine and gross object manipulation in fire ants. 2007. The Science of Nature 94 (4): 326-32
7. Bernstein R.E, Byrne R.H. , Betzer, P.R. and **Greco A.M.** Morphologies and transformations of celestite in seawater; the role of Acantharians in strontium and barium geochemistry. 1992 GeoChimica et. Cosmo Acta. Vol. 56 Number 8 pp 3273-3279
8. Betzer P.R, Carder K.L, Duce R.A, Merrill J.T, Tindale Uematsu, M, Costello D.K., Young R.W, Feely R.A, Breland J.A, Bernstein R.E, and **Greco A.M.** Long range transport of giant mineral aerosol particles. 1988 Nature Vol 336, pp568-571
9. Brack-Hanes S.D and **Greco Anthony M.** Biomineralization in *Thalassia testudinum* (Liliopsida: Hydrocharitaceae) and an Eocene Seagrass 1988 Transactions of the American Microscopy Society., 107 (3): pp 286-292
10. Winstead J. E and **Greco Anthony M.** Leaf fall as an ecotypic character of *Acer negundo*. Populations from Ohio and Mississippi. 1988. Transactions of the Kentucky Academy of Science 49 pp 37-38
11. **Greco Anthony M**, Winstead Joe and Toman Frank. Chlorophyll levels as ecotypic characters in box elder seedlings 1980. Transactions of the Kentucky Academy of Science 41 pp 144-146

## **HONORS , AWARDS and APPOINTMENTS**

David K. Costello Award for Interdisciplinary Engineering, 2017

USPS Excellence in Service Award, 1995

President of Florida Society for Microscopy, 1996-1997

Chair of College of Marine Science Safety Committee, 2010- Present

## **MEMBERSHIPS / AFFILIATIONS**

Microscopy Society of America