

FACULTY VITAE

1. Name: Craig Tanis

2. Education

B.S.E	Computer Engineering	Tulane University	1997
M.S.	Computer Science	Tulane University	1998
Ph.D.	Computational Engineering	Univ. of Tennessee Chattanooga	2013

3. Academic Experience

UTC	Lecturer	2010-2013	FT
UTC	Assistant Professor	2014-present	FT

4. Non-academic Experience

Johns Hopkins APL	Professional Associate	Software dev	1998-1999	FT
Advance Internet	Senior Programmer	Software dev	1999-2007	FT
Tanis Tech LLC	President	Consultation & development	2006-2010	FT
Adagio LLC	CTO	System design	2014-present	PT

5. Certifications or professional registrations

N/A

6. Membership in professional organization

- IEEE
- IEEE, Computer Society
- ACM SIGHPC (High Performance Computing)
- ACM SIGHPCE (High Performance Computing Education)

7. Honors and awards

- Computational Engineering: Graduate Student of the Year 2010-2011
- Computer Science: Teacher of the Year 2011-2012
- Computer Science: Teacher of the Year 2012-2013
- Computer Science: Teacher of the Year 2013-2014

- 2015 XSEDE Campus Champions Fellow

8. Service activities

- Faculty advisor to IEEE Computer Society student branch
- Member: faculty senate committee on sustainability
- Member: faculty fellows cohort on undergraduate research

9. Publications and presentations from past five years

- C.Tanis, “A New Software Framework For Unstructured Mesh Representation And Manipulation”, Ph.D. Dissertation, 2013.
- C.Tanis, “Parallel mesh management using Platt (poster)”, SIAM PP12, 2012.
- W. K. Anderson, L. Wang, S. Kapadia, C. Tanis, and B. Hilbert, “Petrov-Galerkin and discontinuous-Galerkin methods for time-domain and frequency-domain electromagnetic simulations,” Journal of Computational Physics, vol. 230, no. 23, Sep. 2011.

10. Recent professional development activities

- NSF XSEDE Campus Champion
- Grant writing and submission
- UTC Online Faculty Fellows