

## Dianna Xu

Assistant Professor, Department of Computer Science  
Bryn Mawr College  
Bryn Mawr, PA 19010  
dxu@cs.brynmawr.edu  
(610) 526-6502

### Education

2002	Ph.D.	Computer and Information Science	University of Pennsylvania, Philadelphia, PA
1998	M.S.E.	Computer and Information Science	University of Pennsylvania, Philadelphia, PA
1996	M.A.	Computer Science	Smith College, Northampton, MA

### Appointments

2004 –	Assistant Professor	Computer Science, Bryn Mawr College
May 2003 – August 2003	Post-Doctoral Researcher	University of Pennsylvania
2002 – 2004	Lecturer	University of Pennsylvania

### Recent Professional Activities & Awards

1. Reviewer, CCLI Phase-1 proposal panel review (NSF), 2008
2. Program Committee Member, Workshop on Algorithmic Foundation of Robotics, 2008
3. Reviewer, CCLI Phase-1 proposal panel review (NSF), 2007

### Recent Publications

1. M. Siqueira, D. Xu, J. Gallier, L. Nonato, D. Morera, L. Velho (2009) A New Construction of Smooth Surfaces from Triangle Meshes Using Parametric Pseudo-manifolds. *IEEE International Conference on Shape Modeling and Applications (SMI'09)*, June 26 - June 28, 2009, Beijing, China. (To appear in a special issue of *Computers and Graphics*, preprint, March 2009, doi:10.1016/j.cag.2009.03.017.)
2. S. Hine, F. B. Atalay, D. Xu, R. Ramaswami (2009). Quadrilateral Meshes with Bounded Minimum Angle. (Video and short paper) *25th Annual ACM Symposium on Computational Geometry (SoCG'09)*, June 8 - 10, 2009, Aarhus, Denmark.
3. F. B. Atalay, R. Ramaswami, D. Xu (2008). Quadrilateral Meshes with Bounded Minimum Angle. *17th International Meshing Roundtable (IMR'08)*, October 12 - 15, 2008, Pittsburgh, PA.
4. M. Siqueira, D. Xu, J. Gallier (2008). Construction of  $C^k$  Surfaces from Triangular Meshes Using Parametric Pseudo-Manifolds. Technical report MS-CIS-08-14, April 2008, University of Pennsylvania, Philadelphia, PA.
5. D. Xu, D. Blank, D. Kumar (2008). Games, Robots, and Robot Games: Complementary Contexts for Introductory Computing Education. *Microsoft Academic Days Conference on Game Development in Computer Science Education (GDCSE'08)*, February 28 - March 3, 2008, Miami, FL.

### Collaborators:

Betul Atalay (St. Joseph's University), Douglas Blank (Bryn Mawr College), Jean Gallier (University of Pennsylvania), Deepak Kumar (Bryn Mawr College), Suneeta Ramaswami (Rutgers University at Camden), Marcelo Siqueira (Universidade Federal de Mato Grosso do Sul)