

## Curriculum Vitae

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### Education

University of Florida, Gainesville, FL  
Ph.D. in Chemistry

Southern Illinois University Edwardsville, Edwardsville, IL  
B.A. in Chemistry and Biology

### Teaching Experience

Lakeview Centennial High School, Garland TX, -- August 2007 - Present  
Instructor – Chemistry, AP Chemistry

Collin County Community College, Frisco, TX – June 2011 – July 2011  
Adjunct Instructor – Chem 1405

University of Florida, Gainesville, FL – August 2002 – May 2004  
Teaching Assistant – Intro Gen Chem Lab, Organic Lab

### Publications and Papers

#### **Corking nano test tubes by chemical self-assembly.**

Heather Hillebrenner, Fatih Buyukserin, Myungchan Kang, Miguel O Mota, Jon D Stewart, Charles R Martin J Am Chem Soc. 2006 Apr 5;128 (13):4236-7 16568992 Cit:18

#### **Biosensing with conically shaped nanopores and nanotubes**

Youngseon Choi, Lane A. Baker, Heather Hillebrenner and Charles R. Martin, *Phys. Chem. Chem. Phys.*, 2006, **8**, 4976

#### **Template synthesized nanotubes for biomedical delivery applications**

Heather Hillebrenner<sup>1</sup>, Fatih Buyukserin<sup>1</sup>, Jon D Stewart<sup>1</sup> & Charles R Martin<sup>1</sup>[javascript:popRef\('a1'\)](#)  
**Nanomedicine** June 2006, Vol. 1, No. 1, Pages 39-50

#### **Biofunctionalization and capping of template synthesized nanotubes.**

Heather Hillebrenner, Fatih Buyukserin, Jon D Stewart, Charles R Martin. J Nanosci Nanotechnol. 2007 Jul ;7 (7):2211-21 17663233