

# Scott Topper

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## EDUCATION

Bachelor of Science in Biology, 2005  
Wayne State University, Detroit MI

Master of Fine Arts in Creative Writing / Poetry, 1999  
University of Arizona, Tucson AZ

Bachelor of Arts in English, *Magna Cum Laude*  
Minors – Physics Philosophy  
Washington University, St. Louis 1990-94

## PROFESSIONAL EXPERIENCE

**Research Assistant, Department of Genetics, University of Wisconsin** May 2005 - present  
Genomic analysis of transcriptional signaling of environmental stress response in *Saccharomyces Cerevisiae*

**Teaching Assistant, University of Wisconsin** August 2006-December 2006  
*Genetics 466, Advanced Genetics*, which teaches logic and methods of Mendelian genetics, population genetics, molecular genetics, and genomics

**Research Assistant, Microbiology & Infectious Diseases** December 2003-May 2004  
**Wayne State University Medical School**  
Experiment design and execution to enhance the stability of a plasmid used for genetic investigation of *Candida albicans*.

**Adjunct Faculty, Northwestern University** Jan 2002 – December 2003  
*Engineering Design and Communication*, a course that teaches academic & research writing, professional communication skills including client communication, business and technical writing, engineering project management, collaborative design skills, and industrial and basic web design  
*Reading and Writing Poetry (ENG206)*, which focuses on the writing and analysis of poetry through workshops and close study of contemporary poets, and on learning to be a careful and useful critic

**Curriculum Designer, EDC, Northwestern University** June-Sept 2003  
Reconceived the first quarter of a two-quarter course to introduce greater continuity between the two semesters, encourage deeper and more thorough student work, and to increase students' perception of the immediate value of the course. Redesign is being implemented Winter 2004

**Project Coordinator, VaNTH, Biomedical Engineering, Northwestern University** June-Sept 2003

VaNTH is an NSF funded research & develop project exploring more effective methods of teaching Biomedical Engineering at the college level. Work included preparing NSF reporting, coordinating various research and assessment activities at Northwestern, acting as liaison between Northwestern and other participating universities, supervising student work

**Creative Director, Carthos.com, Inc., Los Angeles, CA** Jan 2000-Oct 2001

Carthos was an early stage internet company developing a 3D on-line platform for advertising and entertainment. Work included designing and maintaining the overall creative vision for the project, creating design documents and specific proposals for advertising clients, developing general business strategy and identifying and forming strategic relationships with advertisers and advertising agencies, managing out-sourced teams of web-designers and programmers for the creation of web site and platform demo, developing relationships with investors and venture capital firms, evaluating and choosing appropriate technologies, negotiating terms and milestones with technology providers, evaluating staffing needs and recruiting potential team members.

**Dean's Teaching Fellow, Lecturer, University of Arizona** 1999-2000

**Graduate Teaching Assistant, University of Arizona** 1998-1999

Taught *Introductory Poetry Workshop (EN209)*, *Advanced Poetry Workshop (EN409)*, and *Composition (EN101)*, developed syllabi for all courses, facilitated individual and group conferences, evaluated student work through research papers, exams, portfolios, presentations, and group work

## **PUBLICATIONS**

### **Scientific publications**

Ong, I.M., **Topper, S.E.**, Page, D., Santos Costa, V.: Inferring Regulatory Networks from Time Series Expression Data and Relational Data via Inductive Logic Programming. Proc. of the 16th International Conference on Inductive Logic Programming, Springer (2007).

### **Other publications**

#### **POETRY**

Work published in: *Colorado Review*, *Literary Review*, *Folio*, *Borderlands*, *Laurel Review*, *Runes*, *Poetry Daily (poetrydaily.com)*, *Beloit Poetry Journal*, *Northwest Quarterly*, *Nimrod*, *Fourteen Hills*, *Puerto del Sol*, *Cimarron Review*, *Mid-American Review*, *Apalachee Review*, *Hayden's Ferry Review*, *South Dakota Review*

#### **JOURNALISM**

Wisconsin State Journal, Madison, WI  
Metro Times, Detroit, MI

#### **RADIO**

To the Best of Our Knowledge, Wisconsin Public Radio, Public Radio International