

# McSwain Engineering, Inc.

## AMY MEYERS WELLS, Ph.D.

### Curriculum Vitae

#### **PRIMARY AREAS OF EXPERTISE:**

Chemical composition, non-destructive characterization, physical properties and failure analysis of polymeric and non-metallic materials

#### **EDUCATION:**

University of West Florida – Bachelor of Science in Chemistry, 2000

Georgia Institute of Technology – Doctor of Philosophy in Chemistry, 2005

#### **WORK HISTORY:**

9 years as Polymer Chemist Consultant with McSwain Engineering, Inc., Pensacola, FL

1 year as Visiting Chemistry Lecturer at the University of West Florida, Pensacola, FL

2 years as Senior Process Engineer with Intel Corporation, Hillsboro, OR

#### **PROFESSIONAL AFFILIATIONS:**

American Chemical Society – Polymer Division

#### **AWARDS AND ACHIEVEMENTS:**

Ralph K. Birdwhistell Scholarship, 1998-2000

Analytical Award for Excellence, 1999

Solutia Academic Achievement Award, 2000

Outstanding Student of Chemistry Department Award, 2000

Cherry Emerson Fellowship, 2000-2002

GAANN Fellowship, 2000-2001

Molecular Design Institute Fellowship, 2001-2004

#### **WORK EXPERIENCE:**

Amy Meyers Wells, Ph.D. joined McSwain Engineering, Inc. in 2008. Prior to McSwain Engineering, Dr. Wells worked for the Intel Corporation in Hillsboro, Oregon as a Senior Process Engineer in which she analyzed metrology and chemical data as well as statistical process information. She also taught general and organic chemistry at the collegiate level. Dr. Wells has experience using a variety of chemical analysis techniques to identify plastics, paints, oils, greases, and other chemical substances for almost 20 years, has authored several peer-reviewed articles, was awarded one patent, and has presented her work at multiple national conferences.