

Adam Brancato

Address: 3218 B Post Woods Dr
Atlanta, GA 30339

Phone: (856) 986-0487
Email: adam.brancato@ipst.gatech.edu

EDUCATION

Georgia Institute of Technology, Atlanta, GA

Department of Chemical and Biomolecular Engineering

Institute of Paper Science and Technology

Ph.D. – Chemical and Biomolecular Engineering – Paper Science Engineering

Anticipated date of graduation: June, 2008

GPA 3.4

Thesis: *Effect of Progressive Recycling on Cellulose Fiber Surface Properties*

Worcester Polytechnic Institute, Worcester, MA

Bachelor of Science – Chemical Engineering – Materials Concentration

Date of graduation: May, 2003

GPA 3.3

Major Qualifying Project, 3 course equivalent (Nancy, France)

Modified Dextran Polymers as a Drug Delivery System

Interactive Qualifying Project, 3 course equivalent (London, England)

Providing Online Access to National Art Library Documents

INDUSTRY EXPERIENCE

2004

Abitibi Consolidated, Snowflake, AZ

Summer Intern – Engineering Dept.

Collected baseline data on mill deinking operations

Planned and executed mill trials to examine the effect new surfactant delivery and agitation methods on the flotation deinking tank

Assisted in pulp testing laboratory

2001

Lockheed Martin NE&SS – Surface Systems, Moorestown, NJ

Summer Intern – Environmental, Safety, and Health Dept.

Updated the processed air emissions sources records for plant manufacturing and research areas

Surveyed electrical equipment and machinery for the creation of a current lockout/tagout reference of manufacturing and research areas

OTHER EXPERIENCE

2001 – 2002

Central Mass. Regional Planning Commission, Worcester, MA

Planning Technician

Collected statistical data for the Planning Commission and the Worcester Regional Planning Authority

2000 – 2002

United Artist/Regal Entertainment Group, Moorestown, NJ

Usher (2000-2002)

Assisted customers

Responsible for theatre auditoriums and lobby during operating hours

Projectionist (2002)

Operated and maintained projectors during operating hours

Prepared movie prints for use, including preparation of advertisements and trailers to customer and distributor specifications

Supervised theatre employees when assistance with movie prints was required

Performed basic maintenance on projectors

PUBLICATIONS

Brancato, A., Walsh, F. L., Sabo, R. and Banerjee, S. “*Effect of Recycling on the Properties of Paper Surfaces*” *Ind. Eng. Chem. Res.* **2007**, 46, 9103-9106

Brancato, A., Walsh, F.L., Sabo, R. and Banerjee, S. “*An AFM Study of the Surface Properties of Fiber Upon Progressive Recycling*” in 2007 TAPPI 8th Research Forum on Recycling, Niagara Falls, Ontario, Canada

Walsh, F. L., Brancato, A. and Banerjee, S. “*New measurements of bonding potential and hornification of recycled fibers*” in 2006 Engineering, Pulping, Environmental Conference, Atlanta, GA: TAPPI

Pistorino, M., Miller, I., Brancato, A.; Durand, A., Leonard, M. and Camesano, T. “*Use of modified dextran polymers as surfactants for emulsions in drug delivery systems*” 224th ACS National Meeting, Boston, MA, United States, August 18-22, 2002

AFFILIATIONS

TAPPI GA Tech Student Chapter

Member 2003 – 2008

GA Tech Graduate Student Government

Senator 2003 – 2008

Joint Campus Organizations Committee: Member 2004-2005, Chair 2005-2006

Graduate Internal Affairs Committee: Member 2004-2006, Chair 2006-2007

Student Activities Committee of the Faculty Senate: Member 2005-2008

GT Tower – Undergraduate Research Journal

Peer Reviewer 2007 – 2008