

ZHOUIAN HU

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Institute of Paper Science and Technology

School of Chemistry and Biochemistry

Georgia Institute of Technology

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U.S. Residence (TAX only)

SPECIALTY:

Chemistry-Paper Science & Engineering program

OBJECTIVE:

To apply a Co-op/ internship position in chemical/pulp & paper/ biofuel and bioenergy industries

PROFESSIONAL PROFILES:

- ✓ Always to built up personal ability of teamwork and leadership
- ✓ Always to study the communication skill

EDUCATION:

2006-present: Georgia Institute of Technology, Atlanta GA, USA

**Ph. D. program at School of Chemistry and Biochemistry and
Institute of Paper Science and Technology**

2003-2006: North Carolina State University, Raleigh NC, USA

**Master of Science program at Department of Wood and Paper
Science**

2000-2003: South China University of Technology, Guangzhou City, P. R. China

**Master of Engineering program at Department of Pulp and
Papermaking Engineering**

1995-1999: South China University of Technology, Guangzhou City, P. R. China

**Bachelor of Engineering at Department of Pulp and
Papermaking Engineering**

EMPLOYMENT:

Georgia Institute of Technology, Atlanta GA, USA

2007-present: Graduate Research Assistant at Institute of Paper Science and

Engineering

Research area: utilization and application of biomaterial and bioproduct from renewable biomass

North Carolina State University, Raleigh NC, USA

2004-2006: Graduate Research Assistant at Department of Wood and Paper Science

Research area: Wood chemistry

South China University of Technology, Guangzhou City, P. R. China

2001-2003: Graduate Research Assistant at State Key Lab of Pulp and Paper Engineering

Research area: Mechanism and application of biomimetic bleaching softwood pulp by GIF system

Foshan Sun Packaging Co. Ltd., Foshan City, P. R. China

1999-2000: Quality Engineer

Quality control of Paper & Paperboard and printed packaging

Yueyang Paper Co. Ltd., Yueyang City, P. R. China

10/98-11/98: Internship

SELECTED PUBLICATIONS:

Hu, Z., Yeh, T.-F., Mastumoto, Y., Chang, H.-m., Kadla, J., Elucidation the structure of Cellulolytic Enzyme lignin, *Holzforschung* (2006), 4: 187-198

Hu, Z., Xie, Y., A new method of synthesis of guaiacylglycerol- β -guaiacyl ether and its structural analysis, *Paper Science & Technology* (China), 2002, Vol. 21, No. 4: 4-7

CONFERENCE PROCEEDINGS:

Hu, Z., Chang, H.-M., Li, B., Estimation of wood properties by Transmittance Near-Infrared Spectroscopy, ACS meeting, Atlanta, March, 2006

Hu, Z., Xie, Y., Ou, G., The Biomimetic degradation of β -O-4 type lignin model compounds by GIF system, 2002, 2nd International Symposium of Emergency Technologies in Pulp & Papermaking, 91-98