

# He Yun

(864) 650-7623 ● hyun6@sva.edu ● <http://heyun.weebly.com>

## Education

### School of Visual Art, New York, NY

M.F.A. Computer Arts

June 2017

### Clemson University, Clemson, SC

M.S. Forest Resources

December 2014

### Jilin University, Changchun, China

B.S. Environmental Science (Environmental Chemistry)

June 2013

## Relevant Coursework

Vis Foundations, GIS for Landscape Planning, Advanced Mathematics, Linear Algebra, Basis of College Computer, College Physics, Foundation of C Program Design, College Physics Experiments, MapInfo Designing

3D Modeling and Animation, Programming for Animators, 3D Design and Fabrication, in Fall 2015.

## Employment and Professional Experience

**Internship:** Jan.-Mar. 2011, Shanxi Traffic Environmental Monitoring Station (Environmental Impact Assessment,; Field exploration, sampling; Data processing, calculation and evaluation)

**Internship:** Jul.-Aug. 2011, China Chem. Chemical Science And Technology Research Institute (Establishment of Chemicals List; Collect and statistic production enterprise' product information;

Special products for chemical classification, indicate the chemical composition, formula)

**Research Experience:** Mar. 2011 – May 2013 (**Project:** Simulation Test of Road Runoff Effecton to Surrounding Water / Soil Area). Supervisor: Prof. Kang Chunli, Jilin University. Research Area: Environmental Chemistry, Environmental Pollution Research and Control. Data query, collecting local hydrological and meteorological information, analysis pollutant of the impact on the environment.

Experimental planning, Experimental operation and final experiment report.

**Research Experience:** Nov. 2010-April 2011 (**Project:** Regional Energy Consumption and Sustainable Development. Supervisor: Prof. Wang Xianen Jilin University. Research area: Environmental Economy, Low-carbon Economy and Circular Economy; Apply analytic hierarchy process and grey comprehensive evaluation method to establish evaluation system; Calculating weight coefficient and grey correlation degree; Collect coal, petroleum, natural gas, wind power, hydro power, atomic energy, solar energy, bioenergy relevant information, and make an evaluation.

**Tutor:** 2009 to 2010. Teaching junior and high school students calculus, physics, chemistry and computer technology

**Research Experience:** Aug. 2013 – Aug. 2014 (**Project:** The Role of Soil and Landscape Factors in Chinese Privet (*Ligustrum sinense*) Invasion in the Appalachian Piedmont). Supervisor: Dr. Donald L. Hagan, Dr. Elena A. Mikhailova.

**Research Experience:** Aug. 2013 – Dec. 2014 (**Project:** Adaptation of Soil Judging to Northeast China). Supervisor: Dr. Elena Mikhailova, Dr. Christopher Post, Dr. Lawrence Gering.

## **Awards, Honors and Scholarships**

2011, 2010-2011 Special scholarship;

2011, Computer: C language Excellence Certificate Grade II;

2011, CS-TD(Conform Study Think Discover) Science and Technology Research Contest Honorable mention.

## **Membership in Professional, Academic and Scholarship Societies**

Association of Southeastern Biologists

## **Articles**

In China:

Simulation Test report of Road Runoff Effecting to Surrounding Water / Soil Area sole Writer;

A Highway Tunnel to Groundwater Environmental Impact Assessment and Countermeasures, co-writer;

Regional Energy Consumption and Sustainable Development – Northeast China Area.

In U. S.

The Role of Soil and Landscape Factors in Chinese Privet (*Ligustrum sinense*) Invasion in the

Appalachian Piedmont

Adaptation of Soil Judging to Northeast China

## **Abstracts, Poster, and Oral Presentations**

Donald L. Hagan, Elena A. Mikhailova, Timothy M. Shearman, Patrick T. Ma, Jedidah S. Nankaya, Samantha K. Hart, Hillary E. Valdetero, William C. Bridges, He Yun. 2014. The Role of Soil and Landscape Factors in Chinese Privet (*Ligustrum sinense*) Invasion in the Appalachian Piedmont. ASB Annual Meeting in Spartanburg, SC, April 2-5.

Graduate seminar (oral presentation). Donald L. Hagan, Elena A. Mikhailova, Timothy M. Shearman, Patrick T. Ma, Jedidah S. Nankaya, Samantha K. Hart, Hillary E. Valdetero, William C. Bridges, He Yun. 2013. The Role of Soil and Landscape Factors in Chinese Privet (*Ligustrum sinense*) Invasion in the Appalachian Piedmont. Clemson University, Clemson, SC, USA, November 15.

## **Skills**

Skilled user of C FORTRAN, Pascal and Basic; and learning Python right now.

Familiar with MS office, Photoshop, Maya, MapInfo, Fireworks, OriginPro, ChemBioOffice; and learning Houdini and After Effect right now.

Experiment skills: chemical analysis apparatus;

Chinese native speaker, proficient in English.

## **Extracurricular Activities**

2009 -2013. The leader and coach of College debating team;

2009 -2012. The minister of Girl department in College;

2009 -2012. The vice minister of Activities department in Environmental protection Associates;

2009 -2011. The vice minister of Public Relations Department in University Union;

2009 -2011. The vice minister of Project Department in Youth Voluntary Associates.