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## EDUCATION

**Harvard University** Cambridge, MA  
Ph.D., Organismic and Evolutionary Biology 2018  
Dissertation: Gene Duplication and Evolution of the MADS-box Floral Homeotic, *WUSCHEL-RELATED HOMEBOX*, and *PIN-FORMED* Gene Families in Angiosperms  
Committee: Elena M. Kramer (Chair), James Hanken, and Charles C. Davis

**National Taiwan University** Taipei, Taiwan, R.O.C  
M.S., Botany 2003  
Thesis: Isolation and Characterization of B-class Floral Homeotic Genes in *Nelumbo nucifera* (Nelumbonaceae)  
Committee: Jer-Ming Hu (Chair), Shu-Hsing Wu, and Shao-Ting Chiu

**National Taiwan University** Taipei, Taiwan, R.O.C  
B.S., Botany 1999

## AWARDS AND GRANTS

**Travel Award for PANAM SEDB MEETING** 2017  
Pan-American Society for Evolutionary and Developmental Biology

**Harvard University Certificate of Distinction in Teaching** 2010  
The Derek Bok Center for Teaching and Learning, Harvard University

**MORPH Minicourse Grant** 2009  
MORPH Research Coordination Network

**Harvard GSAS Graduate Council Conference Grant** 2008  
Harvard Graduate Council, Harvard University

**BSA Graduate Student Research Award** 2007  
Botanical Society of America

**Grant-in-Aid of Research** 2007  
Sigma Xi, The Scientific Research Society

**The Deland Award for Student Research** 2007  
The Arnold Arboretum of Harvard University

**Deep Gene Travel Grant** 2006  
Deep Gene Research Coordination Network

**Conference Grant for Overseas Students** 2006, 2007, 2009  
Ministry of Education, Republic of China

**Studying Abroad Scholarship** 2005-2006  
Ministry of Education, Republic of China

**Special Case Scholar, Studying Abroad Scholarship** 2005-2006

Ministry of Education, Republic of China	(Declined)
<b>MORPH Travel Grant</b> MORPH Research Coordination Network	2004, 2006, 2007
<b>OTS Scholarship of Tropical Plant Systematics</b> Organization for Tropical Studies	2004
<b>Harvard Grant for Graduate Student</b> Harvard University	2003-2009
<b>Fellowship for Graduate Student</b> Ministry of Education, Republic of China	2001-2003
<b>Research Grant for Undergraduate NSC-87-2815-C-001-030-B</b> National Science Council, Republic of China	1997-1998
<b>Fellowship for Talented Student in Biology</b> Ministry of Education, Republic of China	1995-1996

### TEACHING EXPERIENCE

<b>Harvard University</b> Teaching Fellow, OEB 52 Biology of Plants Teaching Fellow, OEB 59 Plants and Human Affairs Teaching Fellow, OEB 10 Foundations of Biological Diversity Teaching Fellow, BS 51 Integrative Biology of Organisms	Cambridge, MA Spring 2007-2010, 2015 Fall 2008 Fall 2007 Fall 2004
<b>Botanical Society of America</b> Scientist Mentor, PlantingScience.org	St. Louis, MO Fall 2008
<b>National Taiwan University</b> Teaching Assistant, General Botany Laboratory	Taipei, Taiwan, R.O.C Fall 2001

### MENTORSHIPS

<b>Zhiyuang (Mark) Yang</b> , San Domenico School Mark helped construction a database of 1,360 plant genomes transcriptomes for blasting.	2018
<b>Kathrin Kajderowicz</b> , Cornell University Katherin reconstructed ancestral gene expression of the MADS-box genes in angiosperms.	2016
<b>Gabriel Mpilla</b> , Delaware State University Gabriel built a database of 300 transcriptomes and genomes for blasting, and compiled a dataset of land plant <i>BEL1</i> -like genes for phylogenetic reconstruction.	2015
<b>Adrian Mehrtash</b> , Saint Mary's University Adrian predicted protein structures of the MADS-box proteins with bioinformatics methods.	2014
<b>Michael John</b> , Boston Latin School Michael generated a highly-resolved phylogeny of Hamamelidaceae based on concatenated gene alignment, from dataset compilation to phylogenetic reconstruction.	2013-2014

### NONACADEMIC APPOINTMENT

<b>Republic of China Army</b> Political Warfare Officer and Second Lieutenant	Taiwan, R.O.C 2000-2001
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## **PUBLICATIONS**

Kramer, E. M., Su, H.-J., **Wu, C.-C.**, and Hu, J.-M. 2006. A simplified explanation for the frameshift mutation that created a novel C-terminal motif in the *APETALA3* gene lineage. *BMC Evolutionary Biology* 6: 30.

**Wu, C.-C.** 2003. Isolation and characterization of B-class floral homeotic genes in *Nelumbo nucifera* (Nelumbonaceae). Master thesis, National Taiwan University, Taiwan, Republic of China.

## **SELECTED PRESENTATIONS**

**Wu, C.-C.**, Li, Fay-Wei, and Kramer, E. M. 2018. Evolution of the WUSCHEL-RELATED HOMEODOMAIN (WOX) transcription factors in plants. Oral presentation delivered at the Botanical Society of America Annual Meetings, Rochester, MN.

**Wu, C.-C.** and Kramer, E. M. 2017. Origin and evolution of the WUSCHEL-RELATED HOMEODOMAIN transcription factor family in plants. Oral presentation delivered at the Second Biennial Meeting of the Pan-American Society for Evolutionary Developmental Biology, Calgary, AB, Canada.

**Wu, C.-C.** Mathews, S., Magallón, S. A., and Kramer, E. M. 2008. Evolutionary dynamics of MADS-box floral homeotic gene lineages in Angiosperms. Poster presentation delivered at the Botanical Society of America Annual Meetings, Vancouver, BC, Canada.

**Wu, C.-C.** and Kramer, E. M. 2006. Gene duplication and functional evolution of floral homeotic MADS-box genes in eudicots. Poster presentation delivered at the Botanical Society of America Annual Meetings, Chico, CA.

Hu, J.-M., Su, H.-J., and **Wu, C.-C.** 2004. Duplication and evolution of floral B-class homeotic genes in eudicots. Poster presentation delivered at the Botanical Society of America Annual Meetings, Snowbird, UT.

## **PROFESSIONAL MEMBERSHIPS**

Botanical Society of America

American Society of Plant Biologists

## **CITIZENSHIPS**

United States of America

Taiwan, Republic of China

## REFERENCES

Elena M. Kramer, Ph.D.  
Bussey Professor of Organismic and  
Evolutionary Biology  
Harvard College Professor  
Chair, Department of Organismic and  
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Charles C. Davis, Ph.D.  
Professor of Organismic and Evolutionary  
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James Hanken, Ph.D.  
Alexander Agassiz Professor of Zoology  
Professor of Biology  
Director, Museum of Comparative Zoology  
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Comparative Zoology  
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