

# Grant L. Lin

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## Education

<b>Stanford University School of Medicine</b>		<b>2012-present</b>
MD, PhD Candidate, Medical Scientist Training Program (MSTP)		
<b>Indiana University-Bloomington</b>	<i>Summa Cum Laude</i>	<b>2008-2012</b>
Biochemistry BS, Neuroscience BS (Honors), General Honors Notation Minors in Mathematics, Economics, and Biology		
<b>Australian National University, Canberra, ACT, Australia</b>		<b>Fall 2010</b>
Study Abroad Non-Degree Program		
<b>Lawrence North High School, Indianapolis, Indiana</b>	<i>Valedictorian</i>	<b>2004-2008</b>
Indiana Academic Honors Diploma, International Baccalaureate (IB) Diploma		

## Scholarships and Fellowships

2008 United States Presidential Scholar  
2008-2012 Herman B Wells Scholar  
2012 James C. White Award (IU Department of Chemistry)  
2012 Merck Award (IU Department of Chemistry)  
2011 Phi Beta Kappa Inductee  
2011 STARS Summer Research Scholarship  
2011 William H. Bell Award (IU Department of Chemistry)  
2010 RJ Grim Memorial Scholarship (IU Department of Chemistry)  
2010 Hutton Honors College Research Grant  
2009 Hutton Honors College Research Partnership Grant  
2008 CollegeBoard National AP Scholar  
2008 National Merit Scholar  
2008 Indianapolis Star Academic All-Star

## Research Experience

**Research Assistant in Dr. Cara Wellman's Lab** **October 2008-May 2012**  
**Indiana University-Bloomington, Department of Psychological and Brain Sciences**

Participates in development of research goals, literature study, experimental design, data collection and analysis, and grant and manuscript preparation and presentation. Trained in stereotaxic rat surgery, electrophysiological recording and analysis, behavioral analysis, intracranial drug infusions, perfusions, and histological preparation of brain tissue.

**Research Assistant in Dr. Michael Ibbotson's Lab** **July 2010-November 2010**  
**The Australian National University, Canberra, ACT, Australia, Research School of Biology**

Participated in the collection of psychophysical data examining post-saccadic enhancement of visual perception in humans, following up the electrophysiological discovery of post-saccadic enhancement in macaques.

## Publications and Presentations

**GL Lin**, AA Wilber, CL Wellman. Mifepristone infusion into the interpositus nucleus reverses the effect of neonatal maternal separation on adult eyeblink conditioning.

Poster Presented: 2009 Indiana University Undergraduate Research Conference

Seminar Presented: 2010 Center for Integrative Study of Animal Behavior Conference

Awarded **First Place for Undergraduate Talks**.

AA Wilber, **GL Lin**, CL Wellman. Mifepristone infusion into the interpositus nucleus reverses the effect of neonatal maternal separation on adult eyeblink conditioning. *Neurobiol Learn Mem.* 2010 Sept. 94(2):263-8.

AA Wilber, AG Walker, CJ Southwood, MR Farrell, **GL Lin**, GV Rebec, CL Wellman. Chronic Stress Alters Neural Activity in Medial Prefrontal Cortex During Retrieval of Extinction. *Neuroscience*, 2011 Feb. 3; 174:115-31.

AA Wilber, **GL Lin**, CL Wellman. Neonatal corticosterone exposure mimics neonatal separation-induced impairments in eyeblink conditioning but produces opposite changes in glucocorticoid receptor expression in the cerebellar interpositus nucleus. *Neuroscience*, 2011 Mar. 17; 177:56-65.

AA Wilber, **GL Lin**, CL Wellman. Neonatal mifepristone administration attenuates the effect of neonatal separation on adult eyeblink conditioning and posterior interpositus glucocorticoid receptor expression. (*Manuscript in preparation*)

**GL Lin**, CL Wellman. Dopamine D1 receptor antagonism prevents stress-induced dendritic retraction in rats. (*Manuscript in preparation*)

Poster Presented: 2012 Center for Integrative Study of Animal Behavior Conference

Seminar Presented: 2012 STARS Research Symposium

## Leadership Experience

Key Club **International President** (2007-2008), **International Trustee** (2006-2007), delivered over 50 speeches worldwide

March of Dimes **National Youth Council** (2009-2012), **National Service Partners Liaison** (2011-2012), **Collegiate Council at IU Co-founder and Vice President** (2009-2012)

Building Tomorrow, Inc. **National Board of Directors** (2008-2012), **Indiana University Chapter President** (2009-2012)

**Various High School Leadership Programs** (HOBY, Hoosier Boys State Lt. Governor, Kiwanis KeyLeader, National Honor Society President)

## Athletic Activities

### Taekwondo (3rd Dan Black Belt)

Kukkiwon (World Taekwondo Federation) 3rd Dan Black Belt Certification

IU Club Taekwondo, Korea Taekwondo Academy Junior Leadership Team

Medalist at various Regional and National Taekwondo Competitions

### Ultimate Frisbee

2008 Indiana University Men's Club Team (competed at various regional tournaments)

2010 Australian National University Mixed Club Team (competed at **2010 Australian University Games**)

2010 SOMA Canberra Mixed Club Team (competed at **2010 Australian Mixed Ultimate Championships**)

## **Extracurricular Activities**

### **Violin and Piano Performance**

2007 **Indianapolis Symphony Orchestra Side-by-Side Program** Participant

2004-2007 **New World Youth Symphony Orchestra**

2005 **Young Hoosier Pianist Finalist**, Indiana State Fair

Various Solo and Concert Recital Performances and Competitions

### **Various Volunteer Activities**

Bloomington Hospital Emergency Room Volunteer

Muscular Dystrophy Association Camp (Counselor)

Indiana Symphony Orchestra (Instrument Petting Zoo; Penrod Art Festival)

Indiana State Museum (Special Exhibitions, Special Events)

### **FIRST Robotics, McKenzie Team 1024 (2004-2008)**

Leader of the Software, Website, Animation, and Visual sub-teams

2005-2008 Team Webmaster