

CHRIS F. ANGELONI

3815 Park Ave., Unit C

Nashville, TN 37209

(443) 615-6965

chris.angeloni@gmail.com

EDUCATION

- B.S.** Neuroscience, Lafayette College May 2012
Magna cum laude - GPA: 3.9
- B.A.** Studio Art, Lafayette College May 2012
Magna cum laude - GPA: 3.9

RESEARCH & WORK EXPERIENCE

Research Analyst

Vanderbilt University, Nashville, TN

Jun 2012 - present

Advisor: Dr. Frank Tong

- Extensive experience with fMRI data acquisition, preprocessing, and analysis
- Adept at retinotopic mapping of human primary visual cortex
- Other lab management tasks: IRB management, assisting with grant submissions, subject recruitment, data storage and management, website design, etc.
- Skills: BrainVoyager, FSL/FreeSurfer, NeuroElf, MATLAB, R, Bash, HTML/CSS, SPSS, Excel

Neuroscience Honors Thesis

Lafayette College, Easton, PA

Sept 2011 – May 2012

Advisor: Dr. Lisa Gabel

- Studying the relationship between P300-based brain-computer interface (BCI) performance and visual attention ability
- Designed and proposed a correlational study
- Utilizes eye-tracking, electroencephalography, BCI 2000, Attention Network Test (ANT)
- Skills: MATLAB, BCI 2000, SPSS, electroencephalography

Brain-Computer Interface Think-Tank

Lafayette College, Easton, PA

May – July 2011

Excel Research Advisors: Dr. Lisa Gabel & Dr. Yih-Choung Yu

- Developed a BCI system for communication and to play a simple memory game
- Skills: MATLAB, BCI 2000, SPSS, EEG

HONORS AND AWARDS

William C. Rappolt '67 and Walter Oechsle '57 Neuroscience Prize Awarded to an outstanding senior based on scholarship in the classroom and laboratory and service to the major, college or community.	April 2012
Federal S.M.A.R.T. Grant Federal grant awarded to students in the natural sciences who maintain a cumulative GPA greater than 3.0.	2010 - 2012
Lafayette Marquis Scholar Awarded to students based on high school curriculum, grades, class rank, and SAT scores.	2008 - 2012
Lafayette Dean's List Awarded to students every semester who maintain a cumulative GPA greater than 3.5.	2008 - 2012
Lafayette Grant Financial grant based on need and academic progress.	2008 - 2012

PRESENTATIONS & PUBLICATIONS

NEBEC Paper Submission

Angeloni, C. F., Salter, D., Corbit, V., Lorence, T., Yu, Y-C. & Gabel, L. A. (2012). P300-based brain-computer interface memory game to improve motivation and performance. *Proc. of Ann. NEBEC*, 38:35-36.

BMES Poster Presentation

Biomedical Engineering Society Conference, Oct. 13-15, 2011
"Experimental Design for P300-Based BCI Speller Implementation"

Interdisciplinary Research Brownbag Presentation

Lafayette College, Oct. 2011
"Developing a Brain-Computer Interface"

Summer Excel Research Poster Session

Lafayette College, Oct. 2011
"Experimental Design for P300-Based BCI Speller Implementation"

PROFESSIONAL MEMBERSHIPS

Vision Sciences Society	Feb 2013 - present
Sigma Xi	May 2012 - present

RELEVANT COURSEWORK

Fall 2008

General Biology (AP credit – score of 5)	
Comparative Vertebrate Anatomy.....	B+
General Chemistry I.....	B+
Calculus I.....	A

Spring 2009

General Chemistry II.....	B+
Calculus II.....	A
Introduction to Neuroscience.....	A
Introduction to Psychology.....	A

Fall 2009

Organic Chemistry I.....	A
General Physics – Mechanics.....	A
Quantitative Methods of Psychology...	B+

Spring 2010

Organic Chemistry II.....	A
General Physics – Electricity and Magnetism.....	A
VaST – Technological Telepathy.....	A

Fall 2010

Immunology.....	A-
Human Physiology.....	A
Neurobiology.....	A

Spring 2011

Advanced Neuroscience.....	A
Psychopharmacology.....	A

Fall 2011

Biochemistry.....	A
Physiological Psychology.....	A
Honors Thesis in Neuroscience.....	A

Spring 2012

Design and Analysis.....	A
Honors Thesis in Neuroscience.....	A

LEADERSHIP POSITIONS AND ADDITIONAL PROJECTS

Webmaster – Tong Lab Website

Redesigned and implemented websites for the lab of Frank Tong in iWeb and Dreamweaver.

<http://www.psy.vanderbilt.edu/tonglab/web/Home.html>

Jun 2012 – present

Brain Blast Participant

Involved in setting up and manning an educational booth at Brain Blast – a Vanderbilt Health outreach program.

March 2013

Assistant to Artist Ed Kerns

Aided in conception and execution of biologically-themed paintings and art works for sale and display in galleries.

Jan 2012 – May 2012

Lafayette Association of Visual Artists	
<i>Vice President</i>	2011 - 2012
Aided in organizing the biannual Evening of Paint as well as other club activities.	
<i>Graphic Designer</i>	2010 - 2012
Designed posters, flyers and event invitations.	
Lafayette TED Club	
<i>Head of Public Relations</i>	2011 - 2012
In charge of event promotion and outreach.	
<i>Graphic Designer</i>	2010 - 2012
Designed posters, t-shirts, and event invitations.	
O-Positive Festival Participant	November 2011
Designed artwork to be used during the O+ Festival, an event which aims to provide free medical care for artists with no health insurance.	

LANGUAGES

English: Native Language

Spanish: Novice Listener, Novice Speaker, Intermediate Reading and Writing

SKILLS

Research: fMRI, EEG, stimulus design/programming, advanced statistical analysis

Programming: MATLAB, R, Bash, HTML/CSS

Software: FSL/Freesurfer, BrainVoyager, NeuroElf, BCI2000, Excel, SPSS, MS Office, Adobe Dreamweaver, Adobe Illustrator, Adobe Photoshop, Adobe InDesign, Adobe Premier, iWeb, Final Cut Pro

REFERENCES

Dr. Frank Tong, Professor
Department of Psychology
Vanderbilt University
301 Wilson Hall
Nashville, TN 37209
Phone: (615)-322-1780
Email: frank.tong@vanderbilt.edu

Dr. Lisa Gabel, Assistant Professor
Psychology and Program in Neuroscience
Lafayette College
303 Oeschle Hall
Easton, PA 18042
Phone: (610)-330-5296
Email: gabell@lafayette.edu

Dr. Elaine Reynolds, Associate Professor
Biology and Program in Neuroscience
Lafayette College
108 Kunkel Hall
Easton, PA 18042
Phone: (610)-330-5654
Email: reynolde@lafayette.edu