

CURRICULUM VITAE

WILLIAM CONTE

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RESEARCH EXPERIENCE:

University of Florida, Department of Physiological Sciences

Roger Reep, Ph.D

Gainesville, FL

2005 to 2009

Research topic: Neuroanatomy

- Neural circuitry of Hemispatial Neglect and directed attention
- Neuroanatomical tracer methodologies
- Functional Neuroanatomy of the Florida Manatee

Department of Neurosurgery and Department of Neuroscience

Steven Lewis, M.D. and Gerald Shaw, Ph.D.

summer 2009

Research Topic: Brain injury model

- Identification and development of biomarkers for subarachnoid hemorrhage and brain injury

Department of Neurosurgery

Steven Roper, M.D.

2008-2009

Research Topic: Epilepsy

- Implantation of adult human neural progenitors into an animal model of cortical dysplasia

Department of Musicology

Silvio dos Santos, Ph.D.

2008-2009

Research topic: Neuromusicology

- Using neuroscience to explain a series of case studies in music history with an emphasis on the premieres of works by Schoenberg.

AWARDS AND GRANTS:

- Recipient of the Howard Hughes Medical Institute (HHMI) *Science for Life Research Grant*
 - Also received four publication rewards as part of this program
- Three-time recipient of the University of Florida *University Scholars* grant
 - 2007-2008: College of Vetmed
 - 2008-2009: College of Fine Arts
 - 2008-2009: College of Vetmed (declined stipend in order to give others a chance)
- 2009 Hall of Fame recipient, University of Florida, College of Liberal Arts and Sciences
- 2009 Best Paper Award, University of Florida, Journal of Undergraduate Research
- 2009 Elegance in Science Art Contest (2nd place), University of Florida Libraries
- President's Honor Roll, University of Florida
- Dean's List, University of Florida

EDUCATION:

Loyola University Chicago, Stritch School of Medicine

MD

Maywood, IL

2009-2013

University of Florida

BS

Gainesville, FL

2005-May 2009

- *Summa cum Laude*
- 3.76 GPA
- Major: Neurobiological Sciences
- Minor: Music Literature and Theory

Seminole Senior High School

Seminole, FL
2005

- *Summa cum laude*
- Graduated in the top 10% of class with a 4.25 weighted GPA
- National Honor Society
- Mu Alpha Theta

LEADERSHIP AND TEACHING:

UF Environmental Health and Safety Committee
Committee Member

Gainesville, FL
2007-2008

UF Department of Chemistry
Organic Chemistry Teaching Assistant

Gainesville, FL
summer 2007

COMMUNITY SERVICE AND OTHER EXPERIENCE:

Chemistry Club Outreach Program
Volunteer

Gainesville, FL
2006-2009

Karen V. Hough, MSN, ARNP
Administrative Assistant

Largo, FL
2003 to 2005

National Youth Leadership Forum on Medicine
Attendee

Houston, TX
2003

Morton Plant Hospital
Nurse Helper

Clearwater, FL
2002 to 2004

CONFERENCES ATTENDED

2009 Society for Neuroscience

Chicago, IL
November, 2009

2008 Society for Neuroscience

Washington, DC
November, 2008

Chicago chapter of the Society for Neuroscience

Chicago, IL
March, 2009

AFFILIATIONS:

Society for Neuroscience
Sigma Xi
American Association for the Advancement of Science
International Brain Research Organization
Golden Key International Honour Society
National Society of Collegiate Scholars
Student affiliate of the American Chemical Society
National Youth Leadership Forum on Medicine
National Dean's List

PUBLICATIONS:

Published Articles:

WL Conte, H Kamishina, RL Reep. Multiple neuroanatomical tract-tracing using fluorescent Alexa Fluor conjugates of cholera toxin subunit B. *Nature Protocols*, 4, pages 1157-1166, 2009.

WL Conte. Understanding the reception of Schoenberg's music from a neuroscientist's perspective. *The Journal of Undergraduate Research*, 10, pages 1-9, 2009.

WL Conte, H Kamishina, RL Reep. The efficacy of the fluorescent conjugates of cholera toxin subunit B for multiple retrograde tract tracing in the central nervous system. *Brain Structure and Function*, 213, pages 367-373, 2009.

H Kamishina, **WL Conte**, SS Patel, JV Corwin, RL Reep. Cortical connections of the rat lateral posterior thalamic nucleus. *Brain Research*, 1264, pages 39-56, 2009.

WL Conte, H Kamishina, JV Corwin, RL Reep. Topography in the projections of lateral posterior thalamus to cingulate and medial agranular cortex in relation to circuitry for directed attention and neglect. *Brain Research*, 1240, pages 87-95, 2008.

Poster presentations and abstracts:

RL Reep, **WL Conte**, JC Corwin. Driver and modulator inputs to the lateral posterior thalamic nucleus from medial agranular cortex and posterior parietal cortex in rats. Poster presented at Society for Neuroscience, 2009.

WL Conte. Understanding the reception of Schoenberg's music from a neuroscientist's perspective. Talk given at the University of Florida Undergraduate Research Symposium, 2009.

WL Conte, H Kamishina, RJ Tai, JV Corwin, RL Reep. Connections of the lateral posterior thalamic nucleus with cingulate and medial agranular cortex related to circuitry for directed attention. Poster presented at Society for Neuroscience, 2008.

WL Conte, RL Reep. Examining thalamocortical connections related to hemispatial neglect with double fluorescent retrograde tracers. Poster presented at HHMI undergraduate research symposium, 2008.

H Kamishina, GH Yurcisin, AR Serio, **WL Conte**, A Kamlang-Ek, SS Patel, JV Corwin, RL Reep. Connections of the lateral posterior nucleus related to directed attention and neglect in rats. Poster presented at Society for Neuroscience, 2006.