

# COURTNEY LUSSIER

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## EDUCATION

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### University of Rochester

August 2006 to May 2010

B.S. with Distinction in Brain and Cognitive Science

Minor in Clinical Psychology

- GPA in Major 3.6/4.0, Overall: 3.4/4.0

## RESEARCH EXPERIENCE

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### University of Rochester Concepts, Actions and Objects Lab

July 2010 to Present

LABORATORY MANAGER/RESEARCH ASSISTANT

- Under Professors Jessica F. Cantlon and Bradford Z. Mahon
- Recruit and run children ages 3 to 11 and adults on fMRI and behavioral experiments regarding cognitive abilities such as numerosity and magnitude judgment, verbal knowledge, and metacognition.
- Assist in programming and designing stimuli for behavioral and fMRI experiments (E-Prime, some Matlab)
- Collect and analyze behavioral and fMRI data (Excel, SPSS, BrainVoyager)
- Maintain and update experimental protocols
- Train and supervise undergraduate research assistants
- Responsible for administrative duties and making the lab run smoothly and efficiently

### University of Rochester Computational Cognition and Perception Lab

August 2009 to May 2010

RESEARCH ASSISTANT

- Under Professor Robert Jacobs
- Recruit adult subjects to participate in behavioral experiments regarding visual learning and memory.
- Instruct subjects in the necessary procedures for the task and run experimental equipment
- Prepare weekly meetings to discuss research-related topics and literature.
- Administrative tasks included scheduling subjects, executing necessary paper work, and maintaining accurate monetary records.

### University of Rochester Cognitive Neuroscience Lab

September 2009

STUDENT

- Became familiar with the neuroanatomy and the function of the brain through exploratory brain dissections.
- Explored the uses of behavioral testing in animals, specifically learning and memory in rats, using hands-on spatial learning and odor association tasks.
- Observed a diagnosis of suspected autistic children using ADOS model of neuropsychological testing at the Kirch Developmental Clinic Under Laura Silverman, Ph. D.

## SKILLS

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### SOFTWARE

- Data Analysis: BrainVoyager, Matlab (familiar), SPSS, Excel, GraphPad Prism
- Administrative: Microsoft Word, PowerPoint, Google docs, Photoshop
- Programming Languages: E-Prime Studio, Python, some Matlab

### HARDWARE

- Windows, Macintosh
- Familiar and comfortable working with Siemens 3Tesla Magnetic Resonance Imaging Scanner

## **EMPLOYMENT and SERVICE EXPERIENCE**

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### **Boland School of Irish Dance**

**2004 to Present**

#### IRISH DANCE TEACHER

2004 to Present

- Instruct students ages 3-18 in contemporary and modern Irish Dancing, integrating musical and fine motor skill learning.
- Choreograph for and organize volunteer performances in the Rochester area for nursing homes, hospitals, schools, as well as for professional performances.

#### IRISH DANCE TUTOR AND COACH

2006 to Present

- Prepare and students both physically and mentally for regional, national, and international Irish dancing competitions.
- Work with parents to ensure students' positive competitive experiences.

## **AWARDS and HONORS**

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#### RUSH RHEES SCHOLARSHIP, UNIVERSITY OF ROCHESTER

- Awarded September 2006 – May 2010
- Second-highest monetary scholarship awarded to academically excellent students with well-rounded interests.

#### NEW YORK STATE EXCELLENCE SCHOLARSHIP, STATE OF NEW YORK

- Awarded September 2006 – May 2010

#### DEAN'S LIST, UNIVERSITY OF ROCHESTER

- Achieved in 2006-2010

#### IDTANA SCHOLARSHIP, IRISH DANCING TEACHER'S ASSOCIATION OF NORTH AMERICA

- Received July, 2006
- Awarded to high academically achieving high school students who also encourage and perpetuate Irish culture.

## **PERSONAL ACHIEVEMENTS/ACTIVITIES**

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#### WORLDWIDE COMPETITIVE IRISH DANCER

- Two-time Eastern Regional Champion
- Six-time Top 10 National Ranking
- Thirteen-time Qualifier for the World Championships

#### "Celtic" IRISH DANCING, MUSIC AND CULTURE CLUB, UNIVERSITY OF ROCHESTER

- Vice President and Public Relations Chair
- Founding member

#### KAPPA DELTA SORORITY

- Assistant Philanthropy Chair
- Organizer/Chair of "Stand up, Stand out!", a seminar designed to promote healthy lifestyles and positive attitudes and relations among young women.