



Jason Dienhart

39 connections

Senior Undergraduate at University of Illinois at Urbana-Champaign

Champaign, Illinois | Research

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- Previous America Reads/America Counts, Oswegoland Park District, Edward A. Dienhart Land Surveying
- Education University of Illinois at Urbana-Champaign

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Summary

My commitments as a student and a current researcher of prostate disease have given me a solid background of the biological sciences. I hope to use this background along with medical knowledge I have obtained from volunteering in clinics and hospitals inside and outside of the U.S. to aid in my quest of becoming a physician. In addition, my licensure as an EMT-Basic has afforded me several patient encounters that have given me invaluable practical medical experience. This will no doubt improve my ability to treat patients after medical school.

Experience

Research Assistant

Dr. Eric Bolton's Laboratory
January 2013 – Present (1 year 11 months) | 446 Burrill Hall

Research Assistant in Dr. Eric Bolton's Laboratory looking into mechanisms by which dihydrotestosterone (DHT), a key endogenous androgen, sensitizes androgen receptor-positive prostate cells to apoptotic cell death.

Tutor

America Reads/America Counts
September 2011 – December 2012 (1 year 4 months) | Jefferson Middle School

Tutored 6th and 8th graders in reading and mathematics at Jefferson Middle School in the Champaign School District.



Jason Dienhart
Orange County, California Area

[More professionals named Jason Dienhart](#)

Kid's Connection leader

Oswegoland Park District

October 2010 – August 2012 (1 year 11 months)

Led groups of children, ages 6 to 12, in after-school and summer recreational activities. Addressed behavioral issues, cleaned, and helped with homework.

Rodman/Assistant

Edward A. Dienhart Land Surveying

June 2009 – September 2009 (4 months)

Summer position in the family surveying business as a rodman and operator of Sokkia Set-4 surveying equipment in order to assist with boundary surveys for real estate closings.

Projects

Proposal for Senior Thesis in MCB →

April 2014 – Present

Publications

Androgen Sensitizes Human Prostate Epithelial Cells to Apoptotic Cell Death →

ICE/ENDO Conference '14

June 2014

Using figures, images, and oral presentation, we explained our claim that the mitochondrial apoptotic pathway is activated following treatment with DHT, an endogenous androgen. We also showed that autophagy genes ATG12 and ULK1 play roles in this DHT-dependent apoptotic regulation that are distinct from their roles as autophagy regulators. Our laboratory's overall goal is to provide some insight into how the Androgen Receptor affects prostate cancer and disease, allowing for better treatment options to be suggested.

Authors: Jason Dienhart, Congcong Chen, Eric C. Bolton

Honors & Awards

Dean's List

Dr. Kris Jenner Family Summer Fellow

School of Molecular & Cellular Biology

May 2014

Certifications

Nationally Registered EMT-Basic

National Registry of Emergency Medical Technicians
June 2014 – June 2018

Volunteer Experience & Causes

Emergency Department Volunteer

Presence Covenant Medical Center
January 2013 – May 2014 (1 year 5 months) | Health

Helped in the Emergency Department with patient care, changing linens, retrieving in-hospital pharmaceuticals, and more tasks.

Causes Jason cares about:

Animal Welfare
Children
Health
Human Rights
Disaster and Humanitarian Relief
Poverty Alleviation
Science and Technology
Social Services

Organizations Jason supports:

National MS Society

Languages

Spanish

Courses

University of Illinois at Urbana-Champaign

Pre-Medical Coursework
Major in Molecular & Cellular Biology
Minor in Chemistry

Skills

- Molecular Biology
- Research
- EMT Training
- Cell Culture
- PCR
- Flow Cytometry
- Western Blotting
- Teamwork
- Spanish
- Work Experience with...
- Leadership
- Patience
- PowerPoint
- Microsoft Excel
- Microsoft Word
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Education

University of Illinois at Urbana-Champaign

BS, Molecular and Cellular Biology
2011 – 2014

Major in Molecular and Cellular Biology with a Minor in Chemistry
Activities and Societies: Licensed EMT-Basic, Illini EMS club, AMSA, AED pre-medical fraternity,
Volunteer at Presence Covenant Medical Center

Oswego High School

2007 – 2011

Groups



TEDxUIUC

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