

**Dr. Oliver P. Couture, Ph.D.**

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**EDUCATION**

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**Antonin Scalia Law School, George Mason University, Arlington, VA**

J.D., May 2017

Honors: Sterne, Kessler, Goldstein & Fox Scholarship, 2014

**Midwestern University, Downers Grove, IL**

Postdoctoral in Biochemistry/Oncology, 2012 – 2014

**Iowa State University of Science and Technology, Ames, IA**

Ph.D. Genetics, May 2011; Minor in Computer Science

Honors: Excellence in Research Award 2011  
Excellence in Teaching Award 2011  
Multidisciplinary Graduate Education Training Fellowship, 2005 – 2007  
Biotechnology Fellowship, 2004 – 2005

Dissertation: *Prediction and verification of NF- $\kappa$ B targets in the porcine MHC through the use of sequence similarity and pathway inhibition*

**Drake University, Des Moines, IA**

B.S. Biology and Psychology, *magna cum laude*, May 2002; Minor in Biochemistry

**EXPERIENCE**

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**McKee, Voorhees & Sease, Des Moines, IA**

*Technology Specialist*, August 2017 – Present

- Draft Office Action responses, perform freedom to operate searches, draft patent applications.
- Practice areas included biotech, chemical, and international.

**United States Patent & Trademark Office, Alexandria, VA**

*Summer Extern*, Patent Trial and Appeal Board, May 2016 – July 2016

- Drafted opinions and briefed Board members on *ex parte* appeals for oral hearings and initial *inter partes* reviews to determine institution.
- Practice areas included chemical, medical device, mechanical, and electrical.

**Strain & Strain L.L.C., Washington, D.C.**

Patent Training Program, August 2015 – December 2015

- Program provides work experience in patent prosecution and litigation, including strategizing and actual drafting of responses to non-final office actions and interrogatories for discovery.

**Sterne, Kessler, Goldstein, Fox, P.L.L.C., Washington DC**

*Summer Associate*, BioTech Group, May 2015 – July 2015

- Researched cases and legislative history on various issues including translations from foreign applications, obviousness of claims, the use of trade secrets, and different kinds of claim limitations.
- Conducted research on EPO Oppositions and Post Grant Reviews.

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**Midwestern University**, Downers Grove, IL

*Postdoctoral Researcher*, Department of Biochemistry, February 2012 – August 2014

- Studied the effects of Tp53, Rb1, and histone modifications on the regulation of osteosarcoma
- Supervised and trained students from various programs in lab techniques and theory

**Iowa State University**, Ames, IA

*Teaching Assistant*, Department of Ecology, Evolution, and Organismal Biology, 2009 – May 2011

- Responsible for teaching and grading 2-3 sections of Bio 211L (lab) per semester

*Research Assistant*, Department of Animal Science, August 2003 – May 2011

- Studied the effects of NF-kB on the regulation of innate immunity in pigs
- Supervised, trained, and mentored undergraduates and new graduate students in the lab

**Drake University**, Des Moines, IA

*Undergraduate Research*, Department of Biology, 2001 – 2003

- Measured the effect of enalaprilat on tissue energy level during normotensive resuscitation after massive hemorrhaging

**Pioneer Hybrid**, Johnston, IA

*Summer Lab Tech*, Molecular Biology, May 2003 – August 2003

- Performed various lab duties, such as transformation of plant tissue and Western blotting as part of ongoing research

**Kemin Laboratories**, Des Moines, IA

*Temporary Lab Tech*, Biochemistry, August 2002 – December 2002

- Extracted organic compounds then ran on HPLC to measure quantity of various products
- Created white papers for clients based on the outcomes of the research

## **FIRST AUTHOR PUBLICATIONS**

- *Gene expression profiles resulting from stable loss of p53 mirrors its role in tissue differentiation.* PLoS One, 8(11): e82494.
- *ANEXdb: an integrated animal ANnotation and microarray EXpression database.* Mamm Genome, 20 (11-12): 768-777.