

MICHAEL CZESLAW ZUBELEWICZ

CBME, MSC01 1141, 1 University of New Mexico, Albuquerque, NM 87131 ~ mikez@unm.edu

OBJECTIVE

I am studying to attain a doctorate degree in the area of Biomedical Engineering with a focus in biomimetic membranes enabling experimental study of biological systems with customizable membranes. With the advances in biotechnology, I would like to be a part of the next wave of scientific innovation.

EDUCATION

University of New Mexico

BS Biology and BA Chemistry, Minor: Psychology – May 2009

Professional Science Masters in Nanoscience and Microsystems – May 2012

In progress: PhD in Biomedical Engineering – June 2012 to Present

WORK EXPERIENCE

Center for Biomedical Engineering, June 2012 to Present

- Research in Biomimetic Membranes

IGERT Fellowship, UNM, Albuquerque, NM, August 2011 to May 2012

- Competed in UNM's 2012 Business Plan Competition

Lovelace Respiratory Research Institute, Albuquerque, NM, November 2009 to May 2011

- Completed Bio-Safety Level 3 Training and Animal Bio-Safety Level 3 Training,
- Trained to work with animals and a number of select agents,
- Experienced and proficient with many laboratory techniques including Microplaque Assays, RNA-Bee Processing, and RT-PCR Protocols.

Kaplan University, Albuquerque, NM, April 2009 to May 2011

- Taught classes and prepared students for the Medical College Admission Test (MCAT).

Internships at Los Alamos National Laboratory, 2003 to August 2009

- Materials Technology Division: experience in preparing metallurgical samples
- Theoretical Division: Development of professional websites for different research groups and individual scientists.

VOLUNTEERING

Presbyterian Hospital Surgery Waiting Room, 2008 to 2012

- Developed skills in patient interaction by relaying information between patients in the recovery room and their families in the surgery waiting room.

Salvation Army Soup Kitchen, Albuquerque, NM, January 2009 to 2012

PUBLISHED PAPERS

Koster F, Gouveia K, Zhou Y, Lowery K, Russell R, et al. (2012) Exhaled Aerosol Transmission of Pandemic and Seasonal H1N1 Influenza Viruses in the Ferret. PLoS ONE 7(4): e33118. doi:10.1371/journal.pone.0033118

HOBBIES

Albuquerque Mountain Rescue Council

- Operational member
- Certified Search and Rescue

UNM Triathlon Club

- Qualified to compete in the 2008 National Collegiate Triathlon Championship.

Rock Climbing

- Successfully climbed the Northwest face of Half Dome in June 2012

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REFERENCES

Dr. Steven Graves

University of New Mexico, Albuquerque, NM

Email: graves@unm.edu

Relationship: Advisor at UNM

Dr. Fred Koster

Lovelace Respiratory Research Institute, Albuquerque, NM

Email: fkoster@lrri.org

Phone Number: (505) 235-8363

Relationship: Supervisor/Mentor at LRRI

Dr. Deborah Evans

University of New Mexico

Email: debi@unm.edu

Phone Number: (505) 277-0570

Relationship: UNM Chemistry Professor