

Tung Thanh Phung

ttp2d@virginia.edu

U.S. Citizen

Daytime Phone: (571) 423-9086 Evening Phone: (703) 435-5781

EDUCATION

UNIVERSITY OF VIRGINIA, SCHOOL OF ENGINEERING AND APPLIED SCIENCE Charlottesville, VA
B.S. Chemical Engineering with Biotechnology Concentration May, 2009

GEORGE MASON UNIVERSITY, COLLEGE OF SCIENCE Fairfax, VA
M.S. Bioinformatics and Computational Biology December 2015 (Expected)

WORK EXPERIENCE

FAMILY AND COSMETIC DENTISTRY August 2010 - Present
Office Manager Falls Church, VA

Manage staff, patients, and all associated tasks with the successful operation of a dental office

- Developed policies and guidelines to accommodate for increased staff size
- Developed and standardized most in-house documentation along with policy manual
- Maintain and monitor statistics, such as outflow goals and production goals to ensure consistent daily production of dental practice

AMEN CLINICS January 2011 – April 2011
Independent Graduate Researcher Reston, VA

Statistical analysis of connection between ADD/ADHD and nicotine use using SPECT brain scans

- Began data collection and cataloging of patient paper chart data for quantitative analysis

UNIVERSITY OF VIRGINIA DEPARTMENT OF BIOLOGY August 2008 – May 2009
Independent Undergraduate Researcher Charlottesville, VA

Modifying a current mathematical circadian rhythm model in the XPPAUT and MATLAB environment in conjunction with current research.

HUMANGEN FERTILITY DIAGNOSTICS Charlottesville, VA
Production Technician May – August 2008

Manufactured micropipets used for in vitro fertilization

UNIVERSITY OF VIRGINIA DEPARTMENT OF CHEMICAL ENGINEERING May – August 2007
Undergraduate Researcher Charlottesville, VA

Assisted in the design of the bioengineering portion of an upcoming 4th year lab course for chemical engineering undergraduates at the University of Virginia.

- Developed experimental guidelines for laboratory course
- Create baseline standards for growth and purification of green fluorescent protein
- Worked with professors and faculty and staff to develop policies and materials governing use of new bioreactor equipment as well as associated course materials
- Cross-trained in use of AKTA Purification Systems

COMPUTER SKILLS

- Operating Systems - Microsoft Windows, Linux Environment
- Programming – HTML, Java, MATLAB, Perl, R, Python, LaTeX
- Software Applications – Microsoft Office Suite (Word, Excel, PowerPoint), MathCAD, MATLAB, Aspen Plus, ProSim, XPPAUT

PROFESSIONAL MEMBERSHIPS

American Institute of Chemical Engineers (AIChE) Local Chapter – **Webmaster**

ACHIEVEMENT AND HONORS

Boy Scouts of America – **Eagle Scout**