Ryan Peterson

80 Sutherland Rd. Apt. 7 • Brighton, MA 02135 • rpeterson2088@gmail.com • (781) 264-6361

EDUCATION

Northeastern University, College of Professional Studies, Boston, MA — Expected July 2018

Master of Professional Studies in Digital Media

GPA: 4.00

Courses: Visual Communication Foundations, Programming Foundations, Introduction to Digital Video, Foundations of Digital Storytelling, Video Production, Web Creation Bootcamp I

Tufts University, School of Arts and Sciences, Medford, MA — May 2010

Bachelor of Science in Chemistry; Minor in English

GPA: 3.30

Honors: Dean's List

National University of Ireland, College of Science, Galway — Fall 2008

GPA: 3.84

EXPERIENCE

Vertex Pharmaceuticals • Cambridge, MA — 2009 to Present

Scientific Associate II - Analytical Development, Research and Development

July 2012 to Present

- Regularly test development, stability, and in-process control samples using a wide variety of analytical techniques, such as High Pressure Liquid Chromatography (HPLC) and dissolution
- Work effectively in a team environment by planning and carrying out experiments with other departments, coordinating sample testing and subsequent data analysis with other teams, and assisting the GMP Release and Stability Lab to relieve workload when needed
- Author documents that are stored in a controlled environment, including Analytical Methods, Analytical Validation Protocols, Analytical Validation Reports, and Stability Protocols
- Document step-by-step procedures and results in a peer-reviewed lab notebook
- Stage stability studies to assess the impact of temperature, humidity, and time on drug material
- Develop methods for assay/impurity and dissolution analyses
- Present findings at cross-functional meetings
- Take pride in my work and provide consistently reliable results in order to provide critical data within the confines of strict deadlines

Scientific Associate II Temporary - Analytical Development, GMP Release and Stability lab

September 2011 to July 2012

- Tested development and clinical samples in accordance with standard operating procedures (SOPs) and cGMPs for release and stability
- Supported method development by performing method validations and qualifications
- Regularly executed Karl Fisher water content analysis, reverse-phase and normal-phase HPLC analysis, dissolution analysis, and gas chromatography analysis
- Worked with Drug Product Facility and Quality Assurance to release excipient and component materials for use in GMP drug product manufacturing

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Scientific Associate II Temporary - FORMULATION DEVELOPMENT

September 2010 to September 2011

- Reviewed and edited Formulation Development controlled documents and relevant CMC sections of regulatory submissions to ensure consistent quality, completeness, and traceability/validity of data
- Extracted manufacturing information from batch records for construction of drug product reports

Intern - ANALYTICAL DEVELOPMENT

May 2009 to August 2010

- Helped to optimize HPLC and SFC screening systems by developing methods and analyzing data and presented results

VERTEX OUTSTANDING CONTRIBUTION AWARD PROGRAM (VOCAP) HONORS

- May 2016: Individual gold award for detecting and investigating an artificial trend in a key data set
- April 2016: Gold team award for participating in the analysis of over two thousand samples
- April 2016: Bronze team award for assisting in an investigation into method sample preparation
- March 2016: Silver team award for entering and reviewing key results in a stability database in a short timeframe
- December 2016: Silver team award for participating in the analysis of over five hundred samples
- December 2014: Silver team award for completion of analytical support activities, allowing the team to meet a major goal under an extremely tight timeline
- April 2014: Bronze team award for work contributing to the timely qualification of methods and the subsequent release of BA clinical supplies under a very accelerated timeline
- August 2013: Bronze team award for assisting in drafting source documents, allowing for the timely submission of a regulatory amendment
- February 2013: Bronze team award for ensuring pivotal activities were completed ahead of schedule, exhibiting flexibility with working hours to analyze samples in a timely manner
- January 2013: Bronze team award for contributing to in-process control testing, dissolution method development, and analysis of a key stability study in a timely manner
- August 2012: Silver team award for performing release testing on multiple batches of tablets with a rapid turnaround

SKILLS

- Fundamentals of video editing in Avid Media Composer
- Programming in Processing environment
- Proficient in Microsoft Office Suite and statistical analysis software
- Experienced with analytical chemistry instruments, software, and techniques