

Adam J. Hamilton

Teaching Experience

- **Dean of Applied Sciences – St. John Vianney High School (2013 – Present)**
 - Manage staff of 11 teachers in the Academy of Applied Sciences, a professional learning community comprised of the science, math, and physical education departments
 - Lead weekly professional learning community meetings for Academy of Applied Sciences
 - Facilitate addition of 3 new sciences courses into the science curriculum: Biology 2, Earth Science, and Forensic Science
 - Serve on Principal’s Academic Leadership Committee, which plans and facilitates all academic programs
 - Serve on Vianney’s AdvancEd Re-accreditation Committee
 - Assist in design of data-based analysis process used to increase student achievement

- **Science Teacher – St. John Vianney High School – (2012 – Present)**
 - Selected as one of 50 educators, nationwide, to attend Google Teacher Academy in December 2014
 - Earned certification as a Google Certified Innovator
 - Earned certification as Google Qualified Individual on Google Apps and Chromebooks
 - Implemented Argument Driven Inquiry curriculum in Biology 1 Honors
 - Implemented a POGIL (Process Oriented Guided Inquiry Learning) curriculum in Biology 1 ology 1 Honors
 - Design and implement a Forensic Science curriculum for freshman that focuses on developing critical thinking and problem solving skills
 - Design and implement an Earth Science curriculum
 - Taught Chemistry 1

- **6th Grade Science Teacher - Hazelwood East Middle School (2010 – 2012)**
 - Professional Learning Community Facilitator for Cross-Curriculum 6th Grade Team and for 6th Grade Science Team
 - Frequent presenter for weekly school-wide professional development, topics included classroom technology, designing inquiry-based lessons, and creating common assessments
 - Design hands-on, inquiry-based lessons in the following topics: Human Biology & Disease, Populations & Ecosystems, Living Organisms and Missouri Aquatics
 - Assisted in crafting 6th grade science curriculum & common assessments for entire district
 - Incorporate differentiated learning strategies into daily lessons
 - Utilize data-based analysis to personalize instructional design toward specific needs of students

- **Adjunct Instructor - Brown Mackie College (2010)**
 - Developed Professional Development curriculum designed to help students develop skills necessary to succeed in college
 - Taught Pharmacology to pre-nursing students
 - Taught Fundamentals of English Composition

Employment History

- **Dean of Applied Sciences, Science Teacher, & Assistant Football Coach (2012 – Present)**
 - St. John Vianney High School, St. Louis, MO
- **Varsity Associate Head Coach & Offensive Coordinator (2010 – 2012)**
 - Sumner High School, St. Louis, MO
- **6th Grade Science Teacher (2010 – 2012)**
 - Hazelwood East Middle School, St. Louis, MO
- **Adjunct Professor (2010)**
 - Brown Mackie College, St. Louis, MO
- **Assistant Varsity Football Coach (2009 – 2010)**
 - Affton High School, St. Louis, MO
- **Football Coach (2005 – 2008)**
 - Affton Jr. Cougar Football, St. Louis, MO
- **Lawyer (2004 – 2009)**
 - Various law firms, St. Louis, MO

Education

- **Career Continuous Professional Certificate -General Science (2010 – Present)**
 - Grades 5 -12
 - Missouri Dept. of Elementary & Secondary Education
- **Juris Doctorate (2004)**
 - University of Missouri – Columbia School of Law, Columbia, MO
- **Bachelor of Science – Microbiology; Minor in Chemistry (2000)**
 - Louisiana State University, Baton Rouge, LA

Achievements, Honors, & Presentations

- Google Certified Innovator
 - Selected attend the Google Teacher Academy in December 2014
- Gurian Institute Certified Trainer
 - Presents professional development instruction on brain-friendly strategies for teaching boys and girls at various conferences and schools
- 2016 Presenter, National Catholic Education Association Conference, “Going Google”
- 2015 Presenter, National Catholic Educational Association Conference, “Learning 2.0 - Real Teachers, Real Stories”
- Completed “Making Thinking Visible” – Harvard University, School of Graduate Education
- Google Qualified Individual – Apps & Chromebook
- 2015 Presenter, Midwest Education Technology Conference, “Learning 2.0 - Real Teachers, Real Stories”