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<http://www.projectbasedlearningonline.blogspot.com>

Education:

- 2013 Argosy University - Sarasota, Sarasota, FL **Ed.D**
Instructional Leadership-Educational Technology
- 2006 Endicott College Beverly, MA - **Masters of Education**
- 2004 Tufts University Medford, MA - **Bachelors of Fine Arts**

Education interests:

Educational Technology curriculum development related to Web Development, Computer Science(Mobile Development) and STEM initiatives. Project Based and Constructivist approaches with multimedia/technology instructional design. Instructional Design to support digital initiatives and online and hybrid formats.

Experience

Andover Public Schools Andover, Massachusetts
Program Coordinator Digital Learning Grades 6-12 July 2014-Present

Leadership Experiences

Developed curriculum and managed the “Andover Innovation Lab & Help Desk”.

Coordinated the development of new courses for the Digital Learning (Web Design, Makerspaces Course, Mobile Application Development).

Collaborated with classroom video teacher to promote Video production courses resulting in a doubling of student enrollment of these courses at Andover High School.

Evaluated & Supervised Digital Learning Department teachers & High School Librarian.

Assisted in writing of the Digital Learning Strategic Plan and plan technology initiatives such as the iAndover 1:1 and teacher laptop training.

Collaborated with District Technology Department For PARCC implementation for grades 5-8.

Monitored the PARCC Online Assessment as a Test Coordinator.

Led teacher implementation District Determined Measures for Digital Learning Teachers.

Co-authored District Strategy For The iAndover 1:1 Learning Initiative.

Committees

Co-Lead 1:1 iAndover Pilot Initiative

Member Of District Satellite School Committee
Curriculum Steering Committee Digital Learning 2013-2015
Digital Learning Curriculum Advisory 2013-2015
Tech Task Force Member 2013-2014

Professional Development/Training Provided

Coordinated training for teacher teams for 1:1 technology and Google Apps.
Presentation to staff on the topics of “Project Based Learning”, “Flipped Classroom” and “Google Apps For Education” pedagogy to teachers at District tech conference.
Provided one to one and small group trainings to teachers on the use of their laptops, projectors and Easy Interactive Whiteboard software and district approved apps.
Supported Digital Learning teachers in the use of Atlas Curriculum Mapping to aid in course development.

Community Outreach

Facilitated Parent Meetings (iAndover Advisory) Trainings For 1:1 Learning.
Provided parent forums/presentations about the implementation plan for the 1:1 initiative.
Communicated to school committee the 1:1 implementation process and measurement.
Produced “Innovation Station” a collaborative video broadcast on technology in Andover.

Andover High School, Andover, Massachusetts
Department of Digital Learning
Digital Learning Specialist

August 2013 – July 2014

Coordinate and direct the integration of technology into high school classrooms and provided system-wide courses and training to facilitate the integration of technology into teaching and assessment practices for teachers.
Provide instructional leadership and coaching to teachers as it pertains to technology.

Provided teachers with 1-1 small group and in-service instruction to develop competencies with applied technology throughout the system and piloted numerous new technologies throughout the district (iPods, MacBook's, Apple TV's, Epson Projectors).

Andover Innovation Lab/Student Run Help Desk
Andover High School, Andover, Massachusetts
Lead Teacher

August 2013-Present

Manage the personalized instruction of students developing project-based technology driven projects using a variety of media and technology tools (Web Development, Mobile App Development, Game Design, Programming Languages, Social Media).

Manage day-to-day operation of Help Desk/Lab including IT Intern and student scheduling and project development.

IT Coordinator-Northeast Resiliency Consortium
Bunker Hill Community College, Charlestown, Massachusetts January 2014 - Present

Served as technology liaison between Northeast Resiliency Consortium(NRC) Grant staff at Passaic County Community College and Bunker Hill Community College. Worked with CIT staff to ensure programmatic efforts under the grant are moving forward and the department is meeting deliverable deadlines. Specific course development areas include Mobile Application Design course and Introduction To Android Programming courses.

Bunker Hill Community College, Charlestown, Massachusetts
Department of Computer Information Technology
Adjunct Professor December 2011 – Present

Courses Taught:

- CIT 101 Computer Essentials
- CIT 110 Computer Applications and Concepts
- CIT 527 Intro to Android Programming
- CIT 241 PHP & MYSQL

Responsible for instruction of computer courses using traditional class instruction and Pearson E-Learning platform to teach students with a wide range of computer literacy. Courses also included lecture and lab time for student projects and skill development.

Northern Essex Community College, Haverhill, Massachusetts
Adjunct Professor Art Department December 2012 - Present

Courses Taught:

GRA 202 Animation

Instructor for Computer Animation course with specific projects to be completed on the Macintosh computer using Adobe Flash. Course focus on mastering the terms and tools used in computer animation in order to design, illustrate and edit final animation clips.

Winchester High School, Winchester, Massachusetts
Department of Educational Technology
Computer Education Teacher August 2008 – July 2013

Web Design I&II

Courses, which introduce and develop student's abilities to make websites using HTML/CSS/JavaScript and PHP computer languages. Students also learn how to

use Adobe Photoshop, Dreamweaver, Illustrator and Flash.

Developing Mobile Applications
Course enabling students to learn how to design, develop and test mobile applications on the IOS and Android devices.

Sports Marketing
Business course introducing students to marketing concepts using the context of the world of sports. Students investigate how to develop their own product and develop a plan for real world marketing opportunities using the web, social media and graphics.

Animation I&II
Courses teaching the basics of computer animation, movement and Adobe Flash software. Students create a portfolio of videos, which show their abilities to tell stories, create graphics and create realistic movement.

Haverhill High School, Haverhill, Massachusetts

Fine Arts Department

Art Teacher

August 2007 – July 2008

Computer Graphics

Using Adobe Photoshop and project assignments students create idea driven portfolio based on business concepts and skill lessons. Students

Basic Art

Basic art courses for elective art credit. Focus on art & design principals and introduction to variety of media.

Photography

Introductory photography class with overview of camera functions and aesthetics. Course also covers darkroom printing techniques and aesthetic approaches.

Haverhill Public Schools, Haverhill, Massachusetts

Department of Special Education

Itinerant Art Teacher

August 2006 – July 2007

Special Needs Art Classes (K-8)

Provided art classes for all Special Education students K-8 in the district. Services were for a variety of disability levels and required instruction using tactile, kinesthetic and visual lessons. Travel required going to 8 different schools.

TECHNICAL SKILLS

Proficient Languages: Java, HTML5, CSS3, XML, PHP, Javascript, SQL, C, C++, Python, JQuery, Flash Actionscript

Tools: Adobe Creative Suite(Dreamweaver,Photoshop,Illustrator,Google Apps For Education, Screencast-O-Matic, Microsoft Office Suite, SPSS, Wordpress, Joomla

Learning Management Systems(LMS): Blackboard,Moodle, eCollege,
Proficient on Mac,Windows 8/10 and Chromebook Operating Systems

EDUCATION CONSULTATIONS:

NISGTC Curriculum Development Bunker Hill Community College-Certificate in Mobile Application Development

May 2012 -April 2014

Chosen to write curriculum for Certificate in Mobile Development program at institution. Currently includes two separate tracks (IOS & Android) in a total of 6 courses as part of Department of Labor Grant with Collins College.

Technology Curriculum Development Consultation Springfield Public Schools Springfield, Massachusetts

August & November 2012

Provided a weeklong training and curriculum development in mobile application curriculum for staff of the Technology Department of the Springfield Public Schools.

Technology Curriculum Consultation –St. Thomas Aquinas High School Dover, NH

January 2012

Met with Technology leadership team and helped them develop strategies for integrating mobile applications into their curriculum.

GRADUATE LEVEL TEACHING & CURRICULUM DEVELOPMENT:

Developing a Mobile Applications Curriculum for Educators Endicott College 2012
Beverly, Massachusetts

Course aimed at teachers to help them integrate mobile develop into their technology curriculum. Course covers a variety of projects and strategies for app design and development for teachers.

Digital Photography for Teachers Endicott College 2008
Beverly, Massachusetts

Digital photography course enabling teachers integrate digital images into lessons and curriculum. Strategies for helping teachers to manage a variety of image editing programs such as Adobe Photoshop and Picasa is also part of the course.

LEADERSHIP TRAINING:

MassCUE Leadership Training for Technology Directors January 2012

A three-day intensive leadership training covering the aspects of network management, technology curriculum and leadership strategies for leaders in technology.

PROFESSIONAL ACTIVITIES:

Dissertation:

“Student Experiences In A Project-Based Technology Curriculum At A Suburban High School”

The purpose of this qualitative study was to understand the group dynamic in PBL task delegation and technology skill fluency through the language of its participants. The researcher collected themes, experiences, and decisions depicted in the language of high

school students as they negotiated a final project using computer technology tools to create mobile applications for their high school community.

Manuals:

“Teachers Guide to Developing Mobile Apps”

Teachers’ curriculum and instructional guide to implementing a mobile applications curriculum. Manual developed as part of National Science Foundation Grant and Boston Area Technology Education Collaborative (BATEC).

Invited Presentations:

Tech & Learning Boston May 2015
“Video In The Classroom”
Newton, Massachusetts

MassCUE Conference October 2014
“An Overview Of The Andover Innovation Lab & Help Desk”
Foxboro, Massachusetts

TSTT (Today’s Student’s Tomorrow’s Teachers) Conference December
2013
“Project Based Learning Using Technology”
Wheelock College, Boston, Massachusetts

Linux Northeast March 2013
Presenting “Benefits of Linux for Android Development”
Harvard University, Cambridge, Massachusetts

Boston Tech Forum April 2012
Led educator roundtable on the topic “Students Developing Mobile Applications”
Burlington, Massachusetts

EDCO Learning Collaborative February 2012
Waltham, Massachusetts
Mobile application curriculum integration strategies for Instructional Technologists from around the state.

Workshop Presentations:

Technology In Education Conference Collaborative January 2014
“Empowering Students With Authentic Learning
With Mobile Application Development”

Holyoke, Massachusetts

TechCon Andover Public Schools
“Project-Based Learning With Technology”
“Developing Flipped Classroom Resources”
Andover Public Schools

August 2013

Bunker Hill Community College Summer Career Days
July 2012
“Employability Skills & Mobile Development”
Bunker Hill Community College Charlestown, Massachusetts

MassCUE Conference
“Developing a Mobile Applications Curriculum Workshop”
Gillette Stadium Foxborough, Massachusetts

October 2011,2012,2013

MassCUE Leadership Conference
“Leadership Strategies with Mobile Curriculum”
Holy Cross College Worcester, Massachusetts

March 2012

Research Activities:

Doctoral Research on Project Based Learning Curriculum with Multimedia
2008-2013

Developed “Mobile Application Curriculum using Flash CS 5.5”
Curriculum using Adobe Flash software to design and create mobile applications.

2011-2012

Awards and Honors:

Teacher/Staff Tribute 2008/2009 The Winchester Foundation for Educational Excellence
Celebrating Innovation & Excellence

Teacher/Staff Tribute 2010/2012 The Winchester Foundation for Educational Excellence
Celebrating Innovation & Excellence

Professional Service Activities:

Tech Task Force Andover Public Schools (2013/2014)
Digital Learning Committee Andover Public Schools (2013/2014)
Club Advisor Harvard Model Congress & Sachem Stock Exchange (2009-11 Winchester)
Head Coach Varsity Ultimate Frisbee Team (2011,2012 Winchester)
Member of "Focus On the Future" District Steering Committee (2010,2011 Winchester)
Member of District Curriculum & Technology Team (DCATT) (2008,2009 Winchester)
Webmaster for District Website (2008-2012 maintained teacher and administrative web pages)

Professional Affiliations:

BATEC (Boston Area Technology Education Collaborative)

Member MassCUE (Massachusetts Computer Using Educators)

Bunker Hill Community College

Boston Tech Forum

Endicott College