

# **Dr. Robert N. Polselli, Jr.**

165 Saundersdale Road  
Charlton, MA 01507

(860) 250-1569

[bob@drpolselli.com](mailto:bob@drpolselli.com)

Connecticut Teacher Certification (047) - Provisional Educator  
Connecticut Intermediate Administration Certification (092) - Provisional Educator  
Massachusetts Supervisor/Director (Non Core) Certification - Initial  
Connecticut Teacher Certification (015) - Professional Educator  
Massachusetts Teacher Certification  
FAA Certified Flight Instructor, Advanced Ground Instructor, and Instrument Instructor  
Certified Umpire, Amateur Softball Association/USA Softball

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*"I have never met a person as passionate about teaching as Dr. Polselli before. He wears a smile to school everyday and lifts the school spirit. He treats each student as a child of his own. Dr. Polselli has made success a necessity for all students."*

- Lariab Afzaal, Senior, Two Rivers Magnet High School (2016)

## **EDUCATION**

### **Certification: Technology & Engineering**

Valley City State University - Valley City, Utah  
Certification Earned: *May 2015*

### **M.Ed. Educational Leadership**

[University of Massachusetts](#) - Lowell, Massachusetts  
Degree Earned: *May 2007*

### **Ph.D. Computing Technology in Education**

[Nova Southeastern University](#) - Fort Lauderdale, Florida  
Degree Earned: *March 2002*

### **M.Ed. Secondary Education, Concentration in English**

[Worcester State University](#) - Worcester, Massachusetts  
Degree Earned: *May 1998*

### **BA English, Minor: Secondary Education**

[Worcester State University](#) - Worcester, Massachusetts  
Degree Earned: *May 1995*

## **PUBLISHED WORK**

**Combining Web-Based Training and Mentorship to Improve Technology Integration in the K-12 Classroom**, *Journal of Technology and Teacher Education*, Vol. 10, Issue 2, 2002, pp. 247-272.

## **TEACHING EXPERIENCE**

*9/2013 - Present*

### **Engineering & Technology Teacher**

CREC Two Rivers Magnet High School – Hartford, CT

- Care for the social, emotional, and physical well being of students in grades 9-12
- Differentiate instruction for learners of vastly diverse academic, economic, and social ability levels
- Instill a sense of pride and value in education with every student
- Respect students in a way that connects with them while maintaining a professional relationship
- Demand the highest quality work and respect from all students
- Challenge students to problem solve and work collaboratively to tackle real-world problems
- Prepare students for life in college and the work force by maintaining extremely high expectations
- Author curriculum for eleven courses being taught by the engineering & technology department
- Design online learning experiences through Schoology that provide 24/7 support for students
- Facilitate the after school VEX Robotics, flight academy, and real estate investing programs
- Train teachers to use technology to improve instruction
- Support colleagues in all aspects of best practice teaching and learning
- Lead technology & engineering department as the Technology Team Leader
- Coach the VEX Robotics to multiple state championships and awards
- Coach varsity softball and prepare young women for leadership roles
- Facilitate RESCO recruiting activities to ensure a steady flow of student applicants

12/07 - 2/2016

**Certified Flight Instructor (CFII) , Advanced Ground & Instrument Ground Instructor**  
Fly GForce – Hartford, CT

- Developed private pilot & instrument pilot interactive, technology-driven curriculum
- Deployed and train interactive whiteboard and classroom performance system technologies
- Taught private, commercial, and instrument ground school
- Prepared private, instrument, and commercial pilots for FAA practical and written exams

8/96 - 5/00

**Technology Teacher (.2 FTE - Balance worked as Technology Coordinator)**

[Killingly Public Schools](#) - Danielson, Connecticut

- Taught 7th & 8th grade computer classes
- Authored, implemented, and updated computer curriculum (grades 5-8)
- Coordinated equipment loan program for needy students
- Coordinate videoconference team-teaching from other schools
- Supervised student technicians responsible for routine maintenance of machines

4-97 – 5/02

**Adjunct Professor, Computer Information Systems**

[Quinsigamond Community College](#) - Worcester, Massachusetts

- Developed CIS curriculum for both the Application Specialist and Programming degrees
- Taught accredited courses in MS Office, Systems Analysis, Networking, and Web Development
- Incorporated constructivist and adult learning theories into the instructional setting
- Facilitated the learning need of a richly diverse student population
- Required online interaction in each course including Forums discussion and e-mail
- Fostered intellectual growth of student through high expectations
- Prepared and conduct faculty training in MS Office
- Taught Computer Use and Applications through the Continuing Education Department

5/98 – 12/01

**Adjunct Instructor**

[Worcester State College](#) - Worcester, Massachusetts

- Teach accredited courses in Advanced Microsoft Office

**LEADERSHIP  
EXPERIENCE**

*“Dr. Polselli’s knowledge of and excitement for technology has been felt throughout the entire district by classroom teachers and students...[allowing us]...to advance further during the past three years than we had in the prior ten!”*

- Sara Vogel, Technology Training and Development Coach (2013)

*“Polselli takes technology to new heights in Norwalk.”*

- David Hennessey, Staff Writer, Norwalk Citizen (2010)

*“I have worked for four municipalities and the U.S. Army Intelligence Community and I have never worked with an IT department that was so responsive to my needs and [as] reliable as the IT team in Middletown.”*

- Cathy Hopperstad, Educational Technology Specialist & 8<sup>th</sup> grade History teacher (2006)

12/09 - 5/2013

**Director of Technology**

[Norwalk Public Schools](#) - Norwalk, Connecticut

- Supervised 39 IT professionals & teachers (Network Mgr, Technicians, Trainers, Data processing, and Technology Teachers)
- Prepared & Manage \$1.5 Million BOE IT operating budget & \$1 million IT (city) capital budget
- Prepared administrators, teachers, & staff to effectively use data to inform & improve instruction
- Implemented aggressive cost-savings measures leveraging virtual PCs, Virtual servers, and Mobile IAWs
- Implemented asset management protocols to ensure efficient equipment acquisition and accountability
- Co-chaired Information Technology and Telecommunications (ITT) Committee with city IT Director
- Worked with Common Council to leverage capital funding for hardware and infrastructure upgrades
- Designed and deploy state-of-the-art interactive classrooms (Clickers, Mobis, Doc cameras)
- Collaborated with special education staff to deploy assistive technologies
- Planned hardware upgrades to actually achieve industry standard 5-year replacement cycle
- Supported common core curriculum and high school reform with appropriate technologies
- Implemented online data portal (LinkIt!) providing longitudinal data to improve instruction
- Managed the District’s SharePoint Website (including 454 individual editors)
- Worked closely with City IT department to share resources and manage large-scale projects
- Developed and provide individualized training for 1700+ teachers, administrators, and staff
- Evaluated the effectiveness of Ed. Tech. integration and PD
- Prepared Strategic School Improvement Plan for Educational Technology (K-12)
- Managed MS SharePoint website and collaborative learning environment project team

- Managed Xerox copier district-wide deployment for scanning, faxing, and printing
- Developed the three-year “Comprehensive District Technology Action Plan”
- Trained teachers to use data driven decision making tools such as CPS clickers & Student Data Portal
- Participated in the District Data Team
- Supported Project Lead the Way (PLTW) pre-engineering program, curriculum, and teachers
- Coordinated curriculum efforts with Language Arts, math, science, and social studies
- Coordinated online credit recovery program through Florida Virtual High School (FLVS)
- Supported online learning at all three high schools through Apex Learning
- Represented Norwalk at the regional RESC (CES) Technology Council
- Represented Ed. Tech. on the district Curriculum and PD Committees
- Procured Ed. Tech. related hardware, software, and supplies
- Authored and implement educational technology grants
- Supervised transportation assistant

8/02 – 12/09

### **Director of Technology**

[Middletown Public Schools](#) - Middletown, Connecticut

- Managed new Middletown High School building project technology (planning through deployment)
- Prepared & Supervise Ed. Tech. Budget
- Coordinated Virtual High School for all Middletown High School students taking online courses
- Coordinated Shandong sister school collaboration with our partner school from Yuncheng, China
- Prepared administrators & teachers to effectively use data to inform & improve instruction (3DM)
- Managed the Districts Website (including 487 individual editors) – [www.middletownschoools.org](http://www.middletownschoools.org)
- Developed and provide training for more than 500 teachers, administrators, and staff
- Implemented “Ed. Tech. PD Days” providing 300-400 teachers with individualized workshops
- Implemented on-line training (<http://middletownschoools.howtomaster.com>)
- Supervised & Evaluate Network Manager, Data Manager, and 2 Technicians
- Supervised 11 Educational Technology Specialists who support teachers technology integration
- Supervised 25 Educational Technology Trainers who provide PD for teachers
- Supervised Training Center Subs who provide coverage for teachers attending PD activities
- Chaired the Educational Technology Committee
- Evaluated the effectiveness of Ed. Tech. integration and PD
- Prepared Strategic School Improvement Plan for Educational Technology (K-12)
- Developed the “Educational Technology Action Plan” for the district (needs assessment)
- Developed the “Teachers Technology Toolkit” as a resources for technology PD and curriculum
- Developed the “Educational Technology Course Catalog” – offering differentiated teacher training
- Developed and implement Ed. Tech. curriculum based on ISTE and CT SDE standards
- Developed and implement curriculum checklists for teachers and students
- Developed and Implement 8th grade technology ePortfolio/assessment and 6-8 Ed. Tech courses
- Developed and post online performance tasks for K-5 teachers and students
- Maintained & Support Educational Technology Curriculum for 11 schools
- Coordinated online curriculum mapping (<http://middletown.ct.techpaths.com>)
- Coordinated curriculum efforts with Language Arts, math, science, and social studies
- Coordinated online courses (MHS) using BlackBoard.com (CT Distance Learning Consortium)
- Developed and Implement the Educational Technology Plan
- Provided community outreach to parents for Internet Safety
- Developed Cisco academy student work-study program to enhance service
- Developed and integrate online problem reporting for computer related issues
- Prepared yearly technology progress report for the Board of Education
- Represented Middletown at the regional RESC Technology Council
- Represented Ed. Tech. on the district Curriculum and PD Council
- Presented Ed. Tech. progress to community through “Spotlight on Education” – cable access TV
- Prepared and layout the Ed. Tech. portion of the Superintendent’s Annual Report
- Procured Ed. Tech. related hardware, software, and supplies
- Authored and implement educational technology grants (Title IID)
- Implemented on-line report cards for all 131 elementary teachers
- Consulted on the development of the CAPSS technology position statement
- Supported World Language, literacy, collaborative writing, and other video conferencing efforts
- Supported high school electronic portfolios
- Supported ePals electronic email exchange at the middle school
- Supported web site evaluation projects at the middle school

- Supported high school Ed. Tech. performance tasks in the core areas
- Supported the development of online, collaborative 6th grade courses in Ecology & Weather
- Supported the “Intel Teach to the Future” and “Seeing Reason” programs

8/96 - 5/02

### **Technology Coordinator**

[Killingly Public Schools](#) - Danielson, Connecticut

- Developed Performance Assessment Rubric for middle/high school students
- Responsible for training nearly 500 K-12 teachers, administrators, and staff
- Developed & coordinated technology curriculum for K-12 students
- Developed Web-Based Training (WBT) for all staff (based on K-12 curriculum)
- Evaluated the WBT program and improve it using an Instructional Systems Design (ISD) model
- Maintained records for the State of Connecticut for Continuing Education Units (CEU)
- Supervised technology room managers in each of the five Killingly schools
- Supervised and trained 22 Technology Integration Mentors distributed throughout the district
- Setup and Maintained the web server
- Supported staff and mentors in WBT efforts and the integration of technology into the classroom
- In charge of maintenance, repair, upgrade, and configuration of 175 computer NT LAN (Mac/PC)
- Configured MDF, IDF, and Workstation PCs/Macs for Internet/Intranet access
- Established Windows NT Network accounts with user security
- Installed and configure school administrative software and teacher gradebooks
- Trained computer teachers responsible for direct instruction of students
- Supported classroom teachers involved in computer activities
- Support weather station/daily weather report (OS/2 based)
- Facilitated several computer clubs and an advanced Technology Team
- Responsible for all computer-related purchases
- Presented budget proposal to the Killingly Board of Education
- Developed Microsoft Solutions and training handouts for teachers
- Chaired the Internet AUP Subcommittee and KIS Technology Committee
- Chaired the KPS Curriculum Committee and Software Committee
- Published a bi-monthly Technology Newsletter - *KIS Computer Technology*
- Responsible for all finish Category 5 wiring
- Presented workshops to community and teachers from surrounding towns
- Established a help desk for staff via e-mail, Internet, and telephone
- Developed and maintain the KIS website
- Responsible for scheduling of all computer labs

9/94 - 6/96

### **7th/8th Grade Technology Coordinator/Lab Manager**

[Millbury Memorial High School](#) - Millbury, Massachusetts

- Facilitate a 34-station Macintosh/PC computer lab
- In charge of the 7th/8th grade web pages/online use
- Teach students to write (HTML) web pages for the school's server
- Purchase curriculum relevant software/hardware
- Instruct students in computer operations
- Write proposals and operation reports
- Keep a comprehensive record of lab use

2/93 - 6/97

### **Computer Lab Manager**

[Quinsigamond Community College](#) - Worcester, Massachusetts

- In charge of a 32-station Macintosh lab
- Construct the Learning Resource Center Web Pages (HTML)
- Assist professors in teaching Macintosh operation to their students
- Aid students and faculty with general Macintosh operation, including network use
- Design faculty publications, lab schedules, tutor journals, memos, budgets, and signs
- Advise senior administrators concerning the purchase of hardware and software
- Troubleshoot hardware and software problems
- Train and manage the work study students assigned to the Lab

## **RELATED EXPERIENCE**

- Volunteer Pilot/Mentor for AngelFlight NE, [www.angelflightne.org](http://www.angelflightne.org) (2000 – Present)
  - Fly patients requiring specialized treatment to designated care facilities throughout the US

- Provide Homeland Security support in times of national crisis
- Provide flights for family members of terminally ill patients & military personnel
- Cover all costs associated with flight including fuel, maintenance, travel, and landing fees
- Director, Charlton Jr./Sr. League (2006 - 2010)
- Coach Baseball, Softball, and Football (1998 – Present)
- Volunteer, Warm the Children, Middletown, CT ( 2001 – 2009)
- Leader for cub scouts (1998 – 2003)

## ADDITIONAL TRAINING

### **Private Pilot's License (Helicopter)**

Northeast Helicopters, Ellington, Connecticut

License Earned: *December 2010*

### **Certified Flight Instructor License, Advanced Ground Instructor, and Instrument Ground Instructor**

New Century Aviation – Danielson, Connecticut

License Earned: *June 2008*

### **Site Coordinator Certification**

[Virtual High School](#) – Maynard, Massachusetts

Course Completed: *May 2006*

### **Commercial Pilot's License – Instrument Rating (Airplane)**

New Century Aviation – Danielson, Connecticut

License Earned: *May 2002/December 2003/December 2010*

### **Microsoft NT Server Certificate**

CompEd Solutions - Boston, Massachusetts

Courses Completed: *October 1998*

### **Adobe Photoshop Certificate**

CompuMaster - Worcester, Massachusetts

Courses Completed: *September 1998*

### **Microsoft Access Intermediate and Advanced Certificates**

Comp USA Training Division - Framingham/Woburn, Massachusetts

Courses Completed: *November 1997*

### **Microsoft Excel Intermediate and Advanced Certificates**

Comp USA Training Division - Framingham, Massachusetts

Courses Completed: *March 1997*

## PROFESSIONAL AFFILIATIONS

AngelFlight Northeast (AFNE)

Aircraft Owners and Pilot's Association (AOPA)

Connecticut Educators Association (CEA)

Connecticut Educator's Computer Association (CECA)

National Association of Flight Instructors (NAFI)

## REFERENCES

### **Robert McCain, Principal Two Rivers Magnet High School**

Two Rivers Magnet High School, Hartford, CT

203-515-9770

[rmccain@crec.org](mailto:rmccain@crec.org)

### **Dr. Susan F. Marks, Superintendent of Schools**

Norwalk Public Schools, Norwalk, CT

240-328-2443

[markssus@comcast.net](mailto:markssus@comcast.net)

### **Dr. John Hennelly, Assistant Superintendent**

Middletown Public Schools, Middletown, CT

203-245-7789

[hennellyj@gmail.com](mailto:hennellyj@gmail.com)