

# Richard Therrien

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## **Highlights: Educational Leadership (District/Policy)**

- Experience and expertise in curriculum, research, professional development, technology/data analysis and learning communities.
- Proven success in designing and implementing quality research-based science, technology, math and interdisciplinary curriculum.
- CT Superintendent (093), Administrator certification (092), Science/Math certification(029,031,032,033,034) (eligible for MA, VT)
- Excellent instructional and leadership skills, for adults and students, as well as recognized state leader (CSTA, CSSA).

## **Professional Experience**

### New Haven Public Schools, New Haven, CT

2006-Present

#### *K-12 Science Supervisor*

Recognition as 2011 Connecticut Science Supervisor of the Year, 2012 Central CT State University Distinguished Alumni. Director of science/STEM and member of leadership team for urban district of over fifty schools and 21,000 students. Responsible for curricular coordination, CAPT/CMT prep, instructional coaching, managing district budget/resources, hiring, data analysis, school design, professional development, grant writing and implementation. Connected with a variety of state/local partners. Integral part of district committees with principals, directors and a variety of stakeholders to improve learning for all students. Key accomplishments include leadership in curriculum (CCSS/NGSS), 21st century rubrics as well as high school, college/career readiness. Led 2013 Race to Top District Team, STEM magnet applications. Member of Cabinet/District Leadership/Data Team, monitor CALI Initiatives: Effective Teaching, Data Teams, Formative Assessment, Response To Intervention. Led District Improvement Plan Effective Time and STEM Subcommittee. Implemented mastery learning in science across five high schools. Key points of success: integrated STEM into New Haven's nationally known school reform initiatives, steadily increasing science scores and community involvement.

### Suffield Public Schools, Suffield, CT

2000-2006

#### *Science Chair, Physics, Earth, Science & Society, Physical Science Teacher*

Led district science in curricular coordination, budget, peer coaching, and equipment management. Taught different levels/subjects of science. Improved standardized testing (CAPT), organized safety/security. Chaired new high school move and NEASC curriculum committees. Hired and supervised teachers. Offered professional development to improve instruction, including technology, science in society, performance based assessment, inquiry, as well as instructional theory workshops for all staff.

### Alternate Route to Certification, CT State Dept. of Higher Education

1999- 2000

#### *Instructor, Physical Science Course*

Led 8 week summer program for prospective CT 7-12 science teachers. Supervised student teaching.

### Project to Increase Mastery in Math and Science, Wesleyan University

1990-1998

#### *Instructor, Middle School Science Fellows Program (1993-1998,2000), Technology Leadership Institutes (1990-1996)*

Led intensive PIMMS summer programs for K-12 CT teachers, emphasizing technology in the classroom. Taught teachers how to integrate the use of technology. Developed integrated model of science/math professional development, following a learning cycle model, along with performance based assessments.

### East Granby High School, East Granby, CT

1997-2000

#### *Physics, Earth Science (College Prep, Honors, & General), Pre-Algebra, Algebra (3 levels)*

Taught an enriching program of math and science courses. Revised curriculum for ninth grade Earth Science. Coordinated science and math curriculum across the district. Completely revised physics curriculum. Developed meaningful projects for Algebra programs. Leader in serving on science, math curriculum, block scheduling, CAPT and accreditation curriculum committees.

### John Read Middle School, Redding, CT

1988-1997

#### *Physical Science, Computer Teacher, Educational Technology Specialist*

Taught an enriching physical science curriculum to students of all ability levels. Developed many open ended CAPT type activities. Taught interdisciplinary courses and units on the CITY, immigration, WW II. Taught computer course for 6-8 students and teachers. Served as first district technology specialist. Participated in student activities, a structured advisor/advisee program, Student Assistance Team. Coordinated curriculum with teachers across the district. Variety of committees, including hiring, scheduling, peer coaching, science curriculum and technology plan development. BEST/Mentor trained.

## Additional Professional Experiences and Qualifications (Richard Therrien)

-CT Science Education Leadership Team/District Advisory Council (NGSS/CCSS)	2011-Present
-CT/NHPS Race to the Top STEM Writing Team	2010-Present
-Publication: Therrien, R. (2010). Peer discourse and science achievement. <i>Connecticut Journal of Science Education</i> , 48(1), 14-19.	
-Urban Science Rep, Board of Directors, Connecticut Science Supervisors Association	2008-Present
-Officer, Board of Directors, Connecticut Science Teachers Association	1993-Present
Past President (1999-Present), President (1997-99), Treasurer (1999-2002), Newsletter Editor, (1999-2000), Vice President and Conference Chair (1996-97), Membership Chair (1995-97), Middle Level Director (1993-95)	
-School Administrators Association of New Haven, Executive Board, Negotiations Chair	2008- Present
-NEASC Visiting Committee Member (2 Visits), selected as Assistant Chair Visiting Committee	2005-Present
-Active member, CT Science Teachers, CT Science Supervisors, NSTA, ASCD,	1986-Present
-Trainer, Presenter, Sales, Apple Computer	2001-2005
-National Science Teachers Association Key Leader, ENC Ambassador for CT	2001-Present
-Contributing Editor, <u>CAPT Science</u> Study Guide, Websterhouse Publishing	2005
-Task10 Science Technology Committee	2000-2001
-State Science Frameworks/CAPT Writing Committee	1994-2000
-Presenter, variety of National and State Science conferences	1989-Present
-BEST/Mentor Trained, BEST Program Science Portfolio Assessor (6-12)	1996-Present
-CT Academy for Mathematics, Science and Technology Leadership Council	1997-2000
-CT Academy Grade 8 Science Assessment Writing Project	1997-1999
-Support Programs To Increase Competency in Astronomy(SPICA) Agent, Harvard-Smithsonian Center for Astrophysics	Summer 1991
-University of New Haven, K-12 Intern trainer (Science, Lesson Design, Technology)	1993-1995
-University of Bridgeport, K-12 Intern trainer , Course Instructor (Science, Technology)	1988-1993
-Administrative Assistant, Department of Education, University of Bridgeport	1986-1988
-Student Teaching, Physics, Fairfield High School	Fall 1987
-Full time Science Intern/Substitute, University of Bridgeport, Norwalk High School	1986-1987
-Participant in professional development on interdisciplinary curriculum, lesson design, misconceptions, performance based assessment, integrated science, technology, and teaming at state and national conferences and workshops with leaders such as Grant Wiggins, Heidi Jacobs, Michael Hibbard.	1988-present

## Education

Doctorate in Educational Leadership	Central Connecticut State University, New Britain, CT	2009-2017
(including Superintendency) ( <i>dissertation on district improvement plans/district data teams, expected 2017</i> )		
Sixth Year Educational Leadership	Central Connecticut State University, New Britain, CT	2004-2006
Sixth Year (32 cr no degree ), Science Education	University of Bridgeport, Bridgeport, CT	1987-1992
Master of Science, Education	University of Bridgeport, Bridgeport, CT	1986-1987
Bachelor of Arts, Astronomy	Case Western Reserve University , Cleveland, OH	1982-1986
Minors: History of Science, Physics, Music		