

EDUCATION

University of Massachusetts, Amherst, MA

PhD, Teacher Education and Curriculum Studies (TECS), Teacher Education and School Improvement (TESI), expected June 2021.

Antioch University New England, Keene, NH

MEd, Department of Organization and Management, Administration and Supervision with Principal Certification, May 2008.

Antioch University New England, Keene, NH

MS, Environmental Studies Department, Environmental Education, May 1995.

University of New Hampshire, Durham, NH

BA, Sociology, May 1992.

CERTIFICATIONS

Massachusetts Elementary Education

National Facilitator, School Reform Initiative

Master Teacher, Critical Skills Program

RESEARCH AND TEACHING INTERESTS

Sociocultural and reconstructionist theories of education

Place-based education

Educating for sustainability

Problem-based learning

Thinking in systems

Environmental and nature-based education

Teacher education and development

Professional learning communities

Service-learning

TEACHING AND ADVISING EXPERIENCE

Faculty, Antioch University New England, Keene, NH, 2016 – Present

Concentration Director: Place-based Education and Educating for Sustainability concentrations.

Courses taught:

Place-based Teaching & Learning, Current

Place-based Education, Current

Ecology of Imagination, Current

Building Inclusive Learning Communities, Current

Principles of Sustainability, Current

Real World Sustainability, Current

Leading with Data: A School Profile, Current

The Learning-Centered School, Current

Practicum Seminar, 2019-2020

Problem Solving Science, Fall 2014, Fall 2015

Connecting Curriculum and Communities, Fall 2007 – Spring 2016

Problem-based Learning, Summer 2011

School Change, 2009-2010, 2010-2011 School Years

Real World Learning, Spring 2008, Spring 2010

Experiential Education: Learning in Meaningful Contexts, Spring 2007

Curriculum Design: Environmental Education (with Cindy Thomashow)

Environmental Education Methods: Public Schools, 1999

Environmental Education Methods: Service-Learning, 1999

Advisor, Antioch University New England, Keene, NH

Elementary education licensure, 2016 – Present

Elementary education internship supervision, 2016 – Present

Experienced Educator practica, 2007 – Present

Environmental Studies internship supervision, 2013 – 2021

Advisor, University of Massachusetts Commonwealth Honors College (CHC), Amherst, MA

Advising for course selection, thesis development, and career choices, 2014-2017

Teaching Assistant, University of Massachusetts College of Education, Amherst, MA

Qualitative Research Methods, Spring 2016 and Spring 2018

Instructor, Fitchburg State University, Fitchburg, MA

Dynamic Perspectives in Education, Summer 2015

Curriculum and Assessment for Teachers, Summers 2013, 2014

Instructor of Education and Advisor, Hampshire College, Amherst, MA

Community Engagement: Training & Reflection, 2007-2009

Adjunct Faculty, Antioch University New England, Keene, NH, 1999 – 2016

PUBLICATIONS

Bocko, P. (2018). *Synergy between problem-based learning and sustainability education*. Manuscript in preparation.

Bocko, P. (2017). Synergy between problem-based learning and educating for sustainability: A review of the literature. In R. Papa, & A. Saiti (Eds.), *Building a sustainable future in education: Brick by brick* (Chapter 8). New York, NY: Springer.

Bocko, P. (2014). Leverage point: The shifting landscape of teacher evaluation. In D. Sobel, P. Bocko, & S. J. Gentile (Lead Authors), *National action plan for educating for sustainability* (pp. 18-19). Boston, MA: Houghton Mifflin Harcourt.

Sobel, D., **Bocko, P.**, & Gentile, S. J. (Lead Authors). (2014). *National action plan for educating for sustainability*. Boston, MA: Houghton Mifflin Harcourt.

Bocko, P., & Saba, R. (Eds.) (2000). *Rachel Marshall Outdoor Learning Laboratory teacher resource book* (2nd ed.). Keene, NH: Antioch New England Institute.

Bocko, P., & Denehy, S. (1998). Pondering vernal pools. *Connect, Teachers' Innovations in K-8 Science and Math*, 11(3).

PROFESSIONAL EXPERIENCE

Antioch University New England, Antioch Center for School Renewal, Keene, NH

Director, July 2020 to Present

School Coach, July 2009 – Present

Direct the Education Department's work with schools and communities to make lasting, positive change in the day-to-day school experiences of students, educators and families through engaging instruction, reflection, collaboration, and research. Facilitate workshops and coaching sessions focusing on inquiry, science, service-learning, co-teaching, problem-based learning, school change, and educating for sustainability.

Antioch University New England – Horatio Colony Nature Preserve, Keene, NH.

Project Manager, 2000-2007, December 2011 – Present

Lead and supervise graduate student interns in the planning and implementation of place-based education, public programming, and land management activities at the nature preserve.

Massachusetts School Union 28, Erving, MA

Curriculum Coordinator, August 2009 – June 2016

Planned and directed professional development and organized curriculum integration with teams of administrators and teachers.

Collaborative for Educational Services (CES), Northampton, MA

Education Consultant, September 2011 – May 2014

Planning and facilitation of professional development offered to member districts.

Southeast Vermont Learning Collaborative (SVLC), Brattleboro, VT

Education Consultant, August 2011 – August 2013

Upper Valley Educators Institute (UVEI), Lebanon, NH
Education Consultant, February 2012 – June 2012

Successful School Change Consulting, Plainfield, NH
Education Consultant, June 2010 – June 2011

Hampshire College - Collaboration for Excellence in Science Education (CESE), Amherst, MA.
Instructor of Education, July 2007 – September 2009
Coordinated teaching science through place-based education and educating for sustainability with local teachers via a partnership between nine schools, thirteen organizations, and one college.

Surry Village Charter School, Surry, NH
Curriculum and Administrative Consultant, September 2006 – June 2008

Antioch New England Institute (ANEI) at Antioch University New England (AUNE)
Center for Place-based Education and Howes Center for Community Engagement, Keene, NH.
Project Director, December 1997 – June 2007
Directed projects and initiatives for the development of student-centered schools, school choice, service-learning, and place-based education. Administrative leadership of projects including four separate budgets totaling over \$750,000.

Symonds Elementary School, Keene, NH
Classroom Teacher, 2nd grade, March 2003 – June 2003
Student Teacher, 4th grade, August 1999 – December 1999

Harris Center for Conservation Education, Hancock, NH
Classroom Teacher Naturalist, June 1995 – June 1999
Prepared and taught science, natural history and environmental issue units for 40 classrooms, grades 3-6 in five elementary schools and one middle school in Keene, NH.

PRESENTATIONS AND WORKSHOPS

World Environmental Education Congress (WEEC) Subtheme Co-Chair: **Place-based Education**, Prague, CZ, March 2022.

Nature-, place-, and STEAM education professional development in the Warwick, MA Community School forest. Fall 2020 to Present.

Nature- and place-based education professional development at Guilford Central School, VT. Fall 2020 to Present.

Coordination of the Inside Outside Conference, Promising Practices in **Nature- and Place-based Education** for grades K-8, Keene, NH, Fall 2017 to Present.

“**Place-based Education** and Outdoor Learning Labs”, Student Conservation Association, Massachusetts Corps, Hawley, MA and New Hampshire Corps, Allenstown, NH, 2016-Present.

“Social Justice in Focus: An Efs Community of Practice”. NAAEE Annual Conference, Oct. 2019.

Leadership Team **PLC facilitation** to coordinate reading and literacy PLCs with the whole teaching staff. Academy Elementary School, Brattleboro, VT, 2018-2019 school year.

“**Wall-less-ness**”, Inside Outside Conference – **Nature and Place-based Education**, Symonds Elementary School, Keene, NH, October 2018.

“**Project-based Learning**”, consultancy at Gill Elementary School, Gill, MA. 2017-2019.

“**Professional Learning Communities** for Science Education”, Antioch Center for School Renewal, School Union 28, Erving, MA, 2016-2017.

“**Critical Skills** Level I Institute”, Antioch Center for School Renewal, Cluny School, Newport, RI, June 2016.

“**Inquiry Science**”, Antioch Center for School Renewal, Pelham School District, Pelham, NH, June 2015.

“Developing Collaborative **Curriculum Maps**”, Collaborative for Educational Services, Bement School, Deerfield, MA, 2014-2015.

“Positive, Engaging Classrooms Using **Critical Skills** and IB”, Pentucket Regional School District, West Newbury, MA, August 2014.

“Building District Determined Measures”, Collaborative for Educational Services, Hopkins Academy, Hadley, MA, May 2014.

“Building Capacity for Teaching Literacy Across the Curriculum”, Collaborative for Educational Services, Southwick-Tolland-Granville Regional School District, Southwick, MA, March 2014.

“Looking at Student Work”, Collaborative for Educational Services, HEC Academy, Northampton, MA, March 2014.

“Creating District Determined Measures”, Collaborative for Educational Services, Hatfield School District, Hatfield, MA, January – March 2014.

“**Critical Skills** Level I Institute”, Antioch Center for School Renewal, Green School, Bali, Indonesia, September 2013, February 2014.

“Building District Determined Measures of Student Growth”, Collaborative for Educational Services, Gill-Montague School District, Turners Falls, MA, February 2014.

“**Critical Skills** Classroom Model”, MA School Union 28, Leverett Elementary School, Leverett, MA, January 2014.

“Advanced Training for Educator Evaluators”, Collaborative for Educational Services, Smith Vocational & Agricultural High School, Northampton, MA, November – December 2013.

“Early Warning Indicator System” (EWIS), Collaborative for Educational Services, North Adams Public Schools, North Adams, MA, October-December 2013.

“**Educator Evaluation Review**”, Collaborative for Educational Services, Hatfield School District, Hatfield, MA, August 2013.

“Hands On, Minds On: **Next Generation Science Standards**”, Collaborative for Educational Services, Greenfield Community College, Greenfield, MA, August 2013.

“**Common Core State Standards** for Mathematics and **Critical Skills**”, Antioch Center for School Renewal, Merrimack Valley School District, Penacook, NH, June 2013.

“Traits of a Collaborative and Collegial School Community”, Collaborative for Educational Services, Martin Luther King, Jr. Charter School, Springfield, MA, June 2013.

“Linking Common Core Standards for Mathematics and **Critical Skills**”, Antioch Center for School Renewal, Penacook Elementary School, Penacook, NH, March and May 2013.

“Massachusetts Model System for **Educator Evaluation**”, Collaborative for Educational Services, Ashburnham-Westminster Regional School District, Ashburnham, MA, April 2013.

“Change, Renewal, and Professional Collaboration”, MA School Union 28, Leverett Elementary School, Leverett, MA, 2012-2013.

“Collaborative Commitments for Student Achievements”, Antioch Center for School Renewal, Compass School, Westminster, VT, 2012-2013.

“Meaningful Play in Outdoor Settings”, Antioch Center for School Renewal, Keene State College Child Development Center, Keene, NH, 2012-2013.

“Massachusetts Model System for **Educator Evaluation**”, Collaborative for Educational Services, Hadley School District, Hadley, MA, 2012-2013.

“Massachusetts Model System for **Educator Evaluation**”, Collaborative for Educational Services, Smith Vocational & Agricultural High School, Northampton, MA, 2012-2013.

“**Co-Teaching Classroom Coaching**”, Southern Vermont Learning Collaborative (SVLC), Chester-Andover Elementary School, Chester, VT, 2012-2013.

“Massachusetts Model System for **Educator Evaluation**”, Collaborative for Educational Services, Fitchburg State College, Fitchburg, MA, December 2012.

“Massachusetts Model System for **Educator Evaluation**”, School Union 28, Erving, MA, November-December 2012.

“Massachusetts Model System for **Educator Evaluation**”, Collaborative for Educational Services, Williamstown-Lanesborough Public Schools, Williamstown, MA, November-December 2012.

“**Critical Skills** Level I Institute”, Antioch Center for School Renewal, Pentucket Regional School District, West Newbury, MA, June 2012.

“**Co-Teaching** at LSC”, Northeast Kingdom School Development Center, Lyndon State College, Lyndonville, VT for St. Johnsbury (VT) School District, May-June 2012.

“**Co-Teaching**”, Antioch Center for School Renewal, Merrimack Valley Middle and High School, Penacook, NH, January-May 2012.

“Mentoring, Collegiality, and Excellence in Teaching”, Upper Valley Educators Institute (UVEI), Newport School District, Newport, NH, 2012.

“**Critical Skills** Level I Institute”, Antioch Center for School Renewal, Pentucket Regional School District, West Newbury, MA, 2011-2012.

“Tuning a **Service-Learning** Initiative”, Antioch Center for School Renewal, School Administrative Unit 29, Harrisville Wells Memorial School, Harrisville, NH, October 2011.

“Massachusetts Curriculum Framework for Mathematics”, Collaboration for Educational Services, Northampton, MA, October 2011.

“Massachusetts Curriculum Standards for English Language Arts and Literacy”, Collaboration for Educational Services, Northampton, MA, September 2011.

“**Co-Teaching**”, Southern Vermont Learning Collaborative (SLVC), Green Mountain Union High School, Chester, VT, August 2011.

“**Problem-Based Learning**”, Antioch Center for School Renewal, Springfield School District, Springfield, VT, June 2011.

“**Critical Skills** Level I Institute”, Antioch Center for School Renewal, Pentucket Regional School District, West Newbury, MA, January – June 2011.

“School Climate for the Paraprofessional” (with Dr. Maura Hart), Successful School Change Consulting, Union Street School, Springfield School District, Springfield, VT, 2010-2011.

“**Critical Friends Group** – New Coaches Training”, Antioch Center for School Renewal, Springfield School District, Springfield, VT, June 2010.

“School Climate” (with Dr. Maura Hart), Successful School Change Consulting, Springfield School District, Springfield, VT, June 2010.

“**Inquiry** Science for Student Achievement”, Antioch Center for School Renewal, SAU 80 – Shaker Regional School District, Belmont, NH, March 2010.

“**Inquiry**-based Science Instruction”, Antioch Center for School Renewal, Sanborn Regional High School, Kingston, NH, 2010.

“Coaching a Teacher Team: Building an **Educating for Sustainability** Freshmen Academy”, Antioch Center for School Renewal, Otter Valley Union High School, Brandon, VT, 2009-2011.

“Integrating **Service-Learning**”, Antioch Center for School Renewal, School Administrative Unit 29, Harrisville Wells Memorial School, Harrisville, NH, October 2009.

“Development and Implementation of **Social Curriculum**”, Surry Village Charter School, Surry, NH, 2008-2009.

“Community Engagement and Student Achievement”, Antioch Center for School Renewal, New Hampshire and Vermont Forest for Every Classroom, Keene, NH, November 2008.

“In Their Own Voices, Five Students Share What It’s Really Like to Attend a School Choice Program”, Antioch University New England Speaker Series, September 2004.

“Planning and Implementing Effective **Service Learning** Projects”, Promise of Place Conference, Bethel, ME, March 2004.

“Exploring Lakeway Woods to Achieve Curriculum Goals”, Littleton School District, Littleton, NH, November 2002.

“Designing an **Inquiry**-based Curriculum”, Southern Berkshire Regional School District, Sheffield, MA, March 2002.

“Local History and Groveton School”, Groveton School District, Groveton, NH, November 2001.

“What is **Service Learning**?” Keene State College, Keene, NH, March 2001.

“Summer **Service Learning** Workshop”, Keene School District and Rachel Marshall Outdoor Learning Lab, Keene, NH, 2000-2002.

PROFESSIONAL AFFILIATIONS

International Program Committee, 11th World Environmental Education Congress (WEEC), Prague, CZ, 2020-2022.

Green School Conference (Green Schools National Network and USGBC Center for Green Schools) Steering Committee, 2019 to Present.

Board Member, Wantastiquet to Monadnock Trail Coalition, 2019 to Present.

Ashuelot River Park Advisory Board, City of Keene, NH, 2017 to Present.

Member, Monadnock Region (NH) Place-based Educators, 2014 to Present.

Coordinator, Science Professional Learning Community, Collaborative for Educational Services, Northampton, MA, 2013-2014.

Organizer, Pioneer Valley Teacher Leadership Network, Collaborative for Educational Services, Northampton, MA, 2011-2012.

Member, Curriculum Directors Professional Learning Community, Collaborative for Educational Services, Northampton, MA, 2009-2013.

AWARDS

Presidents' Good Steward Award awarded to Antioch New England Institute (ANEI) staff. Campus Compact of New Hampshire, 2004.

Ann Lyon Crammond Award for "Outstanding Education Exhibit" awarded to Rachel Marshall Outdoor Learning Lab, 2001.

Model Environmental Service Learning Project awarded to Rachel Marshall Outdoor Learning Lab. Corporation for National and Community Service, 2000.

Eleanor Roosevelt Award for Excellence in Education awarded to Rachel Marshall Outdoor Learning Lab & co-founder Cynthia Thomashow. Association for University Women, 1999.

Outstanding Service-Learning Program awarded to Rachel Marshall Outdoor Learning Lab. New Hampshire Governor's Volunteer Service Award, 1998.

Grand Gold Award for Excellence in University to School Partnerships awarded to Antioch University New England and Rachel Marshall Outdoor Learning Lab. Council for Advancement and Support of Education, 1998.