

Education

Ph.D. Science Education Florida Institute of Technology, Melbourne, Florida. 1994

Specializing in Best Practices in Science Education, Professional Development, and Community Engagement in Science

Dissertation: *Effects of a Family Physical Science Program on Student and Parent Achievement and Attitude.*

Trained 20 educators throughout east central Florida to deliver and implement a six-week family physical science program.

The program and curriculum were designed by myself.

Science Coursework (Conservation Biology, Animal Behavior, Evolution, Oceanography, Marine Pollution, Science Research +) 30 Hours

M.Ed. (Curriculum & Instruction, Secondary Science) The University of Guam, Mangilao, Guam. 1985

Specializing in curriculum and instruction in secondary sciences (Biology)

School Administration and Supervision

Science Coursework (Biology, Marine Biology, Ichthyology, Science Lit & Writing, Microbial Ecology, Behavioral Ecology, Special Projects +) 20 Hours

B.A. Psychology, University of Guam, Mangilao, Guam. 1981

Minor in Education, Science Coursework (Astronomy & Physical Sciences)

A.A. General Education Brevard Community College, Cocoa, Florida. 1979

Certifications/Credentials

FMSEA Aquatic Species Collection Certificate (Jan 2023 valid through Jan 2026).

Science Education Consultant State of Florida (1987-Current)

CPR/ AED/First Aid

LMS Course Work, Instructional Design, Adobe Captivate, Articulate 360 (LinkedInLearning Certificates) 2022

Safety and Health Training for General Industry Completion Certificate (American Safety Council) 2022

Introduction to OSHA (Industry) Completion Certificate (American Safety Council) 2022

Smithsonian K-12 Science Education Action Planning Institute July 2020 (16 hours) Design Thinking, UDL, STEM for All

Onboarding New Hires as a Manager (LinkedInLearning Certificate) 2019

Coaching New Hires (LinkedInLearning Certificate) 2022

Understanding Augmented and Virtual Reality (LinkedIn Learning Certificate) 2019

Administrative Awareness Training Brevard County School Board Certificate of Achievement (24 hours), 1996

Professional Experience

Science Education Consultant, (<http://www.dianawehrellgrabowski.com>)

August 1987- Present. Self-employed CEO Mobile Science Education Consulting Services, DBA Dr. Diana Wehrell-Grabowski.

- Collaborate with department heads, staff, faculty, and other stakeholders to develop and provide customized training to meet the organization's training needs and goals.
- Provide professional staff development to educators, administrators, & support personnel throughout the nation and world in the areas of science, STEM, Best Practices in Teaching & Learning, Inquiry, & 21st Century Learning Skills.
- Provide interactive keynotes and conference breakout sessions in (science, STEM, inquiry, and 21st-century skills).
- Provide instructional coaching and modeling (science, STEM, inquiry, student engagement, and 21st-century skills).
- Provide consulting services for curriculum development
- Provide consulting services for establishing STEM programs for public & private education entities (worldwide).
- Curriculum Development & Evaluation
- Education Project Management
- Design and deliver hands-on science and STEM virtual investigations, and webinars for educators, students, and parents.
- Grant Writing
- Film, edit, and produce training and documentary educational videos.
- Provide hands-on science, STEM & Makerspace programs to media specialists.
- Provide hands-on science & STEM programs for community-based events (all ages). STEM Community Engagement
- Provide hands-on science & STEM programs to early childhood-12+ students in formal and informal learning environments.

Professional Experience Continued*STEM & Science Education Consultant, (Contract Work)*

2012-Spring 2021. Staff Development for Educators, NH (SDE closed down operations in 2021 due to COVID)

- Provide Science and STEM professional development throughout the nation to school districts and at conferences.
- Provide instructional coaching and modeling in the areas of science and STEM throughout the nation.
- Curriculum development
- General consulting on science and STEM program development to school districts.

Adjunct Professor 2003 Rollins College, Winter Park, FL.

- Taught Elementary Science Methods Undergraduate & Graduate Level Course.
- Responsible for developing the courses and curriculum development.
- Instruction
- Ensuring equal access to learning
- Designing evaluation tools and evaluation of students.
- Mentoring of students

Secondary Science Teacher August 1996-May 1997. Cocoa Beach High School, Cocoa Beach, FL

- Taught - IB Biology, AP Biology, & Science Research,
- Responsible for developing curriculum for each subject area, and instruction.
- Evaluation of students
- Mentoring Science Research students
- Science Olympiad Coach
- Community engagement in science

Assistant Director East Central Florida Center of Excellence @ Florida Institute of Technology, Melbourne, FL

November 1991-November 1992

- Supervisory and Leadership Role
- Managed Center for Excellence
- Budget management and maintained Fiscal Records of the center
- Ensured compliance of the Center's services with the State Department of Education, accreditation, regulations, and policies including equal access and equal opportunity policies.
- Education Project Management
- Curriculum Development
- Provide science professional staff development to educators and administrators throughout central Florida to public and private schools.
- Grant writing and management
- Hiring and mentoring education consultants
- Design and deliver community engagement Science and STEM education events
- Adjunct Professor (Science Education Methods)

Left position due to spouse relocating overseas

Middle School Earth and Space Science Teacher August 1986-1987- Pine Crest School, Boca Raton, FL

- Taught Earth and Space Science
- Responsible for course curriculum development and instruction
- Mentoring of students
- Evaluation of students

Middle School Earth and Space Science Teacher 1983-84 Inarajan Middle School, Guam DOE, Guam, USA.

- Taught Earth and Space Science
- Science Department Chairperson
- Responsible for course curriculum development and instruction.
- Mentoring of students
- Evaluation of students

Professional Experience Continued

Secondary Science & Social Science Adjunct 1981-83- Guam Community College, Guam, USA.

- Taught Sociology and Biology
- Responsible for course curriculum development, and instruction
- Mentoring and evaluation of students.

Awards And Recognition

- Selected as 2023 Distinguished Alumni Award Eastern Florida State College (See Eastern Florida State College | Lifelong Educator Named 2023 Distinguished Alumni)
- Selected as STEM Leadership Star of the Year Award by Women In Defense Space Coast Chapter, Feb. 2023. <https://scwid.org/10th-anniversary-celebration-raises-over-10k-for-scholarships-and-honors-stem-leaders/>
- Selected as the keynote speaker for numerous science/STEM-based education conferences.
- Rollins College Certificate of Appreciation for Outstanding Service (Dept. of Education/ Science)
- Certificate of Award Brevard County Public Schools Business Partner with Roosevelt Middle School
- Chosen as the American Embassy STEM Expert for ORAV Turkey STEM Grant "STEM Train the Trainers Project.
- Video of Turkey and American Embassy of Turkey Collaborative Grant Project STEM Train the Trainers @ <https://www.youtube.com/watch?v=1Wnw7VmVaJM>
- Certificate of Appreciation Family Science Night Presentations (Spady Elementary, Florida)
- Florida Partners in Education Conference Workshop Presenter Award for "Strengthening School/Family Partnerships Through Family Science Programs."
- Children's Science Explorium recognition for volunteer service, science advisor, and Board Member.
- Over 200 letters of recognition of exemplary service from schools, school districts, and organizations where I have conducted science and STEM professional development, and hands-on science and STEM programs for K12 students. (Letters available upon request)

Service

- First United Methodist Church Cocoa Beach (Youth Ministry Programs)
- Surfrider Organization (Spacecoast)
- Florida Palm and Cycad Society (President 5 years)
- Audubon Society of the Everglades (Director of Education Outreach 3 years)
- Boca Raton Children's Science Museum (Board of Directors). Also instrumental in designing and building the hands-on science exhibits.

Grant Experiences

- 2023- Awarded Community STEM Grant from Discover Engineering. The program will be implemented in March 2023.
- Florida Institute of Technology Center of Excellence (Family Science Community Engagement Grant)
- American Chemical Society Grant "Community Science Grant".
- Assisted with writing the American component of Train the Trainers STEM Project 2018 for ORAV, Istanbul, Turkey.

I was the American Embassy STEM Expert to provide STEM training to lead STEM trainers in Istanbul, Turkey.

<https://hundred.org/en/innovations/teachers-academy-foundation-orav>

State, District, Foreign, and School Consultant Experience

- Florida Department of Education
- Provided consultation services in establishing STEM and Makerspace programs to numerous public library systems nationwide.
- Provided consultation in areas of science and STEM in 50 Florida counties
- Provided consultation in areas of science and STEM in 37 states within the USA
- Provided consultation services in the areas of science and STEM in the following foreign countries and USA Territories

Columbia, Dominican Republic, Indonesia, Mexico, The Philippines, Thailand, Turkey, Vietnam, Guam, and Puerto Rico.

Please visit <http://www.dianawehrellgrabowski.com> (Clients) for detailed information on all consultation experiences.

Professional Development and Conference Presentations

- Keynote Speaker Eastern Florida State College Scholarship Award Ceremony (April 2023)
- Keynote Speaker Women in Defense Space Coast Chapter (Feb 2023)
- ContinuEd.com Virtual Professional Development Course STEM for Infants and Toddlers
- Savannah-Chatham County Public School System
- Garrison School for the Arts Savannah, Georgia
- Continued Online Course for Early Childhood Educators (Exploring Balance and Gravity)
- Pulaski County Community Early Childhood Council
- Dehli Public School Society
- Region 9 Head Start “Fall STEM Tuneup” Conference.
- Orav Turkey Keynote Speaker (<https://hundred.org/en/innovations/teachers-academy-foundation-orav>)
- ITEN Virtual Seminar – Presenter “Tinkering As A Pedagogy For STEM Learning”. @ ITEN Seminar 2021 Agenda (EN) – Google Docs
- Plenary Speaker “Incorporating Loose Parts to Promote STEAM Learning” @ Remote Learning in Action: Transforming and Empowering Education’s Frontliners Virtual Conference June 4-5 Manila, Philippines.
- Keys School Manila, Philippines
- Douglas County School System Virtual STEM Continuing Education Sessions. April 2021.
- Keynote Speaker for Region 9 Head Start Association Early Childhood STEM Institute April 12, 2021 “Fostering Curiosity and Creativity Through STEM Explorations at Home.” <https://www.region9hsa.org/2021-stem-keynote-speaker/>
- Breakout Session Presenter (2-Hour Learning Lab) for Region 9 Head Start Association Early Childhood STEM Institute April 13, 2021 “Incorporating STEM Explorations to Support Social-Emotional Learning.” <https://www.region9hsa.org/learn/the-early-childhood-stem-institute/>
- Online advising/consulting for Virtual Science/ Engineering Fair Grades 3-5 students For Keys School located in Manila, Philippines @ <https://www.ksm.ph/> February 2021.
- Virtual Keynote ” Teaching for Meaningful Learning via Inquiry” @ 2nd International Conference for Global Forum for Teacher Educators. February 2021.
- Virtual Professional Staff Development for Next Door Foundation, Milwaukee, Wisconsin. “Introduction to Best Practices in STEM Education and Content in Early Childhood Learning Environments“. November 2020
- Speaker/Presenter “Best Practices in STEM Education for Early Childhood Teachers” @ LBECE Symposium 2020. Longbeach Unified School District Child Development Centers
- Virtual Professional Staff Development for Kids at Work Preschool in the Dominican Republic “Project-Based Learning in the Early Years”.
- Virtual Professional Staff Development for Rutherford County School District. “Putting the E in STEM” for K-5 educators and Inspired by Nature: Connecting Engineering and Biomimicry” for 6-12 educators.
- Douglas County School System, Georgia
- Youth Villages School Douglasville, Georgia – Virtual STEM Professional Staff Development Grade 4-12 teachers- Introduction to Best Practices in STEM Education and Content.
- Global Forum For Teacher Educators ZOOM Webinar October 4, 2020 “STEM For All”.
- Keynote Speaker for Global Forum For Teacher Educators @ International Symposium July 19th, 2020. Conducted a virtual interactive keynote entitled “Fostering Social-Emotional Learning Through STEAM Education During the Early Years“.
- Virtual Training Webinar “Best Practices in STEM Education” July 29th, 2020 Global ZOOM.
- Virtual Training Webinar “Fostering Social-Emotional Learning Through STEM Practices and Explorations in the Early Childhood Learning Environment” June 25th, 2020 Global ZOOM.
- Virtual Training Webinar “Deconstructing Gadgets and Tinkering to Promote STEM Habits of Mind” June 16th, 2020 Global ZOOM.
- Presenter of the live webinar “Engaging Young Children in STEAM and Maker Education Explorations at Home“. Region 9 Head Start Association in Sacramento, California.
- Presenter at Knowledge Is Power Tri-County Institute 2020, Kaskaskia Special Education District #801. (STEM-based sessions for 5th Grade – Secondary teachers).
- Madera Head Start, Madera California (STEM training for Head Start Teachers).
- Early Learning Coalition of Sarasota County Early Childhood Conference Conference Presenter “Fostering Social Emotional Learning Through STEAM Practices and Content”.

Professional Development and Conference Presentations

- Tulare County Office of Education Tulare, California (Keynote Director's Academy)
- Tulare County Early Stars (STEM Teacher Training for Early Childhood Educators)
- Madera Head Start (STEM teacher training for Head Start Teachers)
- Kids At Work Preschool Dominican Republic (Project-Based Teacher Training)
- Learning Pathways School San Jose, California (STEM teacher training for early childhood educators)
- Apax Leaders Ho Chi Minh City, Vietnam (Keynote Speaker STEM Conference for Parents)
- STEAME Garten, Vietnam (STEM Teacher Training Institute)
- Hernando County School District (STEM teacher training)
- Auburn City School District Auburn, Alabama (STEM teacher training)
- Apax Leaders Ho Chi Minh City (STEM Teacher Training Institute)
- Inspire Development Centers (STEM teacher training and STEM for Families training)
- Southside Early Learning Center St. Louis, Missouri (Loose Parts and STEM)
- ORAV Istanbul, Turkey (STEM Teacher Training Institute for Secondary Teachers) * STEM Expert
- Forty Carrots Family Center Sarasota, Florida (Loose Parts and STEAM training)
- eGroup Corporation Hanoi, Vietnam (Keynote Speaker STEM Conference)
- eGroup Corporation Hanoi, Vietnam (STEM Teacher Training Institute)
- The Columbus School Medellin, Columbia
- Aberdeen School District Aberdeen, Washington (Incorporating Biomimicry Based STEM Challenges K-12)
- St. Charles High School Laplace, Louisiana (Differentiated Instruction with STEAM)
- Riverside Academy Laplace, Louisiana (Differentiated Instruction with STEAM)
- Creative Wonders Preschool Wayne, New Jersey (STEAM training)
- Suntree United Methodist Church School (Project-Based Learning Teacher Training Workshop)
- Cocoa Beach Public Library (Deconstruct and Re-Create Maker and STEM Workshop for Families)
- Early Childhood Coalition of Marion County (STEM teacher training for Infant and Toddler Teachers)
- Center for Schools and Communities Camp Hill, PA (STEM training for 21st CCLC at 2018 ELO Conference)
- Van Andel Education Institute (VAEI) Grand Rapids, Michigan
- ACI Schools Istanbul, Turkey (STEAM professional staff development for early childhood educators and administrators)
- Canyon ISD Amarillo, Texas (STEM professional staff development for 21st Century Community Learning Centers)
- St Paul School Hanoi, Vietnam (STEM professional staff development K-8 educators and administrators)
- Metro Nashville Public School System (STEM professional staff development for K-8 educators and administrators)
- Region 8 Education Service Center, Texas (STEM professional staff development for early childhood educators)
- Holy Rosary Catholic School, Tennessee (STEM professional staff development for K-8 educators)
- Riverside USD 114 School District, Kansas (STEM Institute for Grades 3-8 educators)
- Kentucky Department of Education 21st Century Community Learning Centers (STEM professional staff development for middle-high school 21st CCLC staff)
- Workforce Solutions Panhandle -CCS Amarillo, Texas (STEM professional staff development for early childhood educators)
- Early Learning Coalition of Sarasota County (STEM professional staff development during Annual Conference)
- Early Learning Coalition of Marion County (STEM professional staff development for early childhood educators)
- Primrose Schools Florida (Early Childhood STEM professional staff development)
- Kimball Wiles Elementary School (STEM professional staff development)
- Elko County School District, Elko, Nevada (STEM)
- Elko County Early Childhood Advisory Council (Keynote Speaker)
- Bishop Noland Episcopal Day School Lake Charles, Louisiana
- Northbrook 28 School District Northbrook, Illinois (STEM)
- Westmoor Elementary School Northbrook, Illinois (STEM)
- York County Head Start, Norfolk, Virginia (STEM in Early Years)

Professional Development and Conference Presentations (Science & STEM)

- James City County Community Action Agency, Williamsburg, Virginia
- American Institute of Monterrey, Mexico
- Prince of Peace Christian School, Carrollton, Texas
- Aberdeen School District, Washington State
- Archdiocese of Louisville, Kentucky
- Roosevelt Elementary- Makerspace Consulting
- Central Brevard Library & Reference Center- Makerspace Consulting
- Brevard County Library System – Makerspace Consulting
- Turner Elementary- Makerspace Consulting
- Jupiter Elementary- Makerspace Consulting
- Burbank, Illinois School District 111
- United Way of Central Alabama (Keynote Speaker)
- All Saint's Episcopal Day School Austin, Texas
- Creative World Schools, Keynote Speaker (STEM)
- Renewal Unlimited, Inc. Keynote Speaker (STEM)
- Western Nebraska Early Childhood Association, Keynote Speaker
- Universal Academy Tampa, Florida (STEM)
- St. Michael's School, Dominican Republic (STEM)
- Diocese of Harrisburg, Pennsylvania
- Calcasieu Parish Public School District, Lake Charles, Louisiana
- Robertson County School District, Tennessee (STEM)
- Murfreesboro County School District, Tennessee (STEM, 21st-century skills)
- Christ Church Academy Jacksonville, Florida (STEM)
- The Learning Station Santo Domingo, Dominican Republic (Project-Based Learning)
- East St. Louis, Illinois School District (STEM & NGSS)
- Jewish Community Alliance, Jacksonville, Florida- Keynote Speaker
- FDLRS Ocala County, Florida (STEM)
- FDLRS Orange County, Florida
- Southeast Alaska Early Childhood Organization (S.E.A.) (Keynote Speaker)
- Henderson County Library System, Nevada (STEM)
- Hamilton Elementary STEM Magnet School
- Alhuda Academy (STEM)
- Smart Start San Jose, California (STEM)
- Collier County School Board, Florida (STEM)
- Dugger Elementary, Dugger, Indiana (STEM Institute)
- Stenstrom Elementary (General Science)
- School for Young Children at Saint Joseph College, keynote speaker and conference presenter March 25, 2013
- Kaskaskia Special Education District, Centralia, IL (Physical Science, NGSS, & STEM)
- Geminus Corporation, Head Start, Merrillville, IN (STEM)
- Lafourche Parish School District, Louisiana (Trained entire K-12 Teaching and Admin Staff over a 3-year period on Best Practices in STEM Education)
- Berkely Academy, Polk County, Florida
- Pueblo City School District, Colorado (Teaching STEM Through Children's Literature)
- Roncalli Middle School Pueblo, Colorado (STEM)
- Granbury Texas Independent School District (STEM)
- Irving Independent School District (Chemistry)
- Davis Elementary School Irving, Texas (STEM)
- Stipes Elementary School Irving, Texas (STEM)
- Thomasville School District, Georgia (STEM)

Professional Development and Conference Presentations

- St. Francis School District, Minnesota (STEM Institute)
- MacIntyre Middle School, Thomasville, Georgia (STEM)
- Staff Development for Educators 2012 Las Vegas Conference (Physical Science, and STEM)
- Nash-Rocky Mount School District (STEM)
- D.S. Johnson Elementary School, North Carolina (STEM)
- Williford Elementary School, North Carolina (STEM)
- Coppell Independent School District, Texas (Toying With Physics)
- Town Center Elementary School, Texas (STEM)
- Rutherford County School District, Tennessee (STEM)
- LaVergne Primary School, Tennessee (STEM)
- Jakarta International School, Jakarta, Indonesia (Inquiry-Based Teaching and Learning Institute)
- Yakima 21st Century Learning Community Centers (Afterschool STEM)
- Staff Development for Educators 2011 Chicago Conference (Physical Science & STEM)
- 21st Century Learning Community Centers (After School Professional Development) (STEM)
- Five Points Elementary (STEM)
- Crystal Academy of Science and Engineering
- Knowledge Source Institute, Bangkok, Thailand (Multiple visits conducting 5-day institutes topics included Inquiry, Critical Thinking, and STEM).
- American Youth Academy (STEM)
- Bartow Academy (STEM)
- Brigham Academy (STEM)
- Washington State DOE (STEM)
- Academy Charter School, Colorado (Teaching Science Through Children's Literature K-8)
- Mabank ISD, Texas (STEM)
- Hillsborough County School Board
- College Success Foundation, District of Columbia (Conducted 5-day STEM institute for 21st-century community learning centers staff)
- Bethune Academy (STEM)
- Discovery Lakes Academy (STEM)
- Citrus County School Board (STEM)
- Crystal River Primary School (STEM)
- Pascagoula, Mississippi Head Start (Science)
- Discovering The Joy Conference - Alaska Keynote Speaker ~Cultivating Curiosity in Young Children)
- Flagler/ Daytona Early Learning Coalition
- Cherokee Nation Early Childhood Organization, Oklahoma
- Seminole Indian Tribe Early Childhood Organization
- Alpi Organization, Treasure Coast Children's Conference (Keynote Speaker)
- FAPE (Florida Association of Parents Involved In Education)
- Florida Reading Association (Science and Literacy)
- Heartland Educational Consortium, Crown Region Center For Excellence (Science)
- League of Environmental Educators in Florida
- TASC0
- Florida Council of Independent Schools
- Florida Institute of Technology (Principals and Science Education)
- ECA of Florida Conferences
- Annual Early Childhood Conference of the Palm Beaches
- Northboro Elementary CSRD Professional Conference (Science)
- Mississippi Early Childhood Association 52nd Annual Conference - Keynote Speaker (Science)
- Headstart, Mississippi @ Jackson

Professional Development And Conference Presentations

- 4C's Osceola County
- NAEYC, South Florida
- Head Start, Palm Beach County, Florida (Science)
- Head Start, Orange County (Science)
- YMCA (Science)
- Alabama School Board (STEM)
- Camden County School Board, GA (STEM)
- Sarasota Early Childhood Coalition (STEM)
- School Board of Clay County (Science)
- School District of DeSota County (Science)
- School Board of Indian River County (Science)
- School Board of Orange County (Science and STEM)
- School Board of Martin County (Science)
- School Board of Seminole County (Science)
- School Board of St. Lucie County (Science)
- School Board of Nassau County (Science)
- School Board of Volusia County (Science and STEM)
- School Board of Brevard County (Science)
- School Board of Okeechobee County (Science)
- School Board of Hernando County (Science and STEM)
- School Board of Columbia County (Science)
- School Board of Lake County (Science)
- School Board of Marion County (Science)
- WF-Burns Oak Hill Elementary School (Science)
- Child Care Connection, Broward County (Science PD)
- Child Care Association of Brevard County (Science)
- Berkshire Elementary School (Science)
- Palm Beach Science Educator's Council (Science)
- Child Care Association of Brevard County, Florida (Science)
- Georgia Early Childhood Association (Science)
- NAEYC (Central Florida) (Science)
- NAEYC (National Conference, 2009 Washington, DC) (Science)
- Head Start, Brevard County (Science)
- Head Start, Manatee County (Science)
- School Board of Whitfield County, GA (STEM)
- School Board of Camden County, GA (STEM)
- TRDA, Florida (STEM)
- Celebration Middle School (Science)
- Beaches Episcopal School (Science and STEM)
- Bonner Elementary (Science)
- Crowne Point Elementary (Science)
- Tomoka Elementary School (Science)
- Lake County School Board (Science)
- Lovejoy Independent School District, Allen, Texas (STEM PD)
- Early Childhood Association, Santa Rosa County, Florida (Science)
- Early Childhood Coalition of Marion County (STEM)
- Early Childhood Division, Port Charlotte, Florida (Science)
- Longstreet Elementary (Science and STEM)
- Blake School (STEM)

Professional Development And Conference Presentations

- Agricultural and Labor Program, Inc., (Science)
- Indian River Lagoon Environmental Educator's Conference
- American Chemical Society Conference, FL
- NARST (National Association of Research in Science Teaching)
- Staff Development for Educators National Conference (Chicago & LasVegas) 2012-2018
- Expanding Your Horizons Conference for Girls @ UCF & UNF (2010-2012)
- National Association of Science Teachers Association (NSTA) Atlanta
- NSTA Arizona (Science)
- NSTA Fort Lauderdale (Science)
- NSTA Tennessee (Science)
- Georgia Preschool Conference 2005
- KIDDS Conference, Jacksonville/ FL Community Engagement Science Presentations (2000-2004)
- Challenging Educators for Tomorrow's Children, CSRD Childhood Conference, FL 2003
- Florida Partners in Education Conference (1990, 1996, 1998, & 1999)
- Science Enhancement Institute Florida, July 1996
- Space Coast Science and Mathematics Conference 1995 & 1996
- Florida Association of Science Teachers 1991 & 1995
- LEEF 10th Annual Conference
- National Marine Educators' Association Annual Conference 1989
- LEEF Conference 1988
- Earth Visions Conference 1990

Hands-On Science and STEM Presentations for Students

- Engage, Inspire, & Empower The Next Generation Through STEM (Engineering Session for 3rd-6th Grade)
- Celebrate the Military Child STEM Program for military children
- Cambridge Elementary School (Hands-On Science Programs for Students)
- Concordia Lutheran School (Hands-On Science Programs for Students)
- Faith Christian Academy (Hands-On Science Programs for Students)
- Idyllwilde Elementary School (Hands-On Science Programs for Students)
- North Sumter Intermediate School (Science)
- Gardendale Magnet School (Hands-On Science Programs for Students)
- Marion Charter School (Science)
- Jewish Community Centers, South Florida (Hands-On Science Programs for Students)
- Northboro Montessori Magnet School (Hands-On Science Programs for Students)
- Summit Private School (Montessori) Boca Raton and Davie (Hands-On Science Programs for Students)
- Page Private School (Hands-On Science Programs for Students)
- Pine Crest School (Hands-On Science Programs for Students)
- Charlotte County School Board (Science)
- Spring Lake Elementary (Hands-On Science Programs for Students)
- St. Luke's United Methodist School (Hands-On Science Programs for Students)
- St. Mark's Episcopal School (Hands-On Science Programs for Students)
- St. Margaret Mary School (Hands-On Science Programs for Students)
- University Park Elementary School (Hands-On Science Programs for Students)
- Manatee Elementary School (Hands-On Science Programs for Students)
- Tropical Elementary School (Hands-On Science Programs for Students)
- Roy Allen Elementary School (Hands-On Science Programs for Students)
- Long Leaf Elementary School (Hands-On Science Programs for Students)
- Atlantis Elementary School (Hands-On Science Programs for Students)
- Hans Christian Anderson Elementary School (Hands-On Science Programs for Students)
- Jupiter Elementary School (Hands-On Science Programs for Students)
- Brevard Community College Lab School (Hands-On Science Programs for Students)
- New Medico Neurologic Rehab Center of Palm Beach (Hands-On Science Programs for Students)

Hands-On Science and STEM Presentations for Students

- Holy Name of Jesus School (Indialantic) Hands-On Science/STEM Programs
- Gemini Elementary (Hands-On Science Programs for Students)
- Passport Charter School (Hands-On Science Programs for Students)
- DeSota High School (Hands-On Science Programs for Students)
- Lake Orienta School (Hands-On Science Programs for Students)
- SD Spady Magnet School (Montessori)
- Parke House Academy (Hands-On Science Programs for Students)
- Sacred Heart School (Hands-On Science Programs for Students)
- Theodore Roosevelt School (Hands-On Science Programs for Students)
- Windermere Elementary School (Hands-On Science Programs for Students)
- Dodgertown Elementary School (Family Science)
- Riverview Elementary School (Family Science)
- Tropical Elementary School (Hands-On Science Programs for Students)
- Lantana Middle School (Hands-On Science Programs for Afterschool Program)
- Roy Allen Elementary School (Hands-On Science Programs for Students & Family Science)
- Unity Elementary School (Hands-On Science Programs for Students)
- St. James Cathedral School (Hands-On Science Programs for Students)
- St. Luke's Lutheran School (Hands-On Science Programs for Students)
- Creel Elementary (Hands-On Science Programs for Students)
- Stenstrom Elementary (Hands-On Science Programs for Students)
- Temple Israel Preschool (Hands-On Science Programs for Students)
- Windy Ridge School (Hands-On Science Programs for Students)
- Park Maitland School (Hands-On Science Programs for Students)
- Chisholm Elementary School (Hands-On Science Programs for Students)
- Audubon Elementary School (Hands-On Science Programs for Students)
- Christa McAuliffe Elementary (Hands-On Science Programs for Students)
- Imperial Estates School (Hands-On Science Programs for Students)
- Coronado Elementary School (Hands-On Science Programs for Students)
- Ascension Catholic School (Hands-On Science Programs for Students)
- Divine Mercy Catholic School (Hands-On Science Programs for Students)
- St. Luke's Lutheran School, Winderemere (Hands-On Science Programs for Students)
- Royal Palm Charter School (Hands-On Science Programs for Students)
- Suntree United Methodist School, Melbourne (Hands-On Science Programs for Students)
- First United Methodist School, Melbourne (Hands-On Science Programs for Students)
- Indian River Home School Organization ((Hands-On Science Programs for students)
- Miami Dade Home School Organization ((Hands-On Science Programs for students)
- Palm Beach County Department of Parks and Recreation ((Hands-On Science Programs for students)
- School Board of Palm Beach County After-Care (Hands-On Science Programs for Afterschool)
- Indialantic Elementary (Science)

(Numerous hands-on science and STEM programs have been conducted in libraries, and Parks and Rec including Space, Marine, STEM, Chemistry, and more for K12 students and parents).

Orlando Public Library System

Cocoa Beach Public Library

Melbourne Public Library

Eau Gallie Public Library

Cocoa Public Library

Nassau County Public Libraries

Brevard County Division of Parks and Recreation

Professional Membership and Affiliations

- Association of Supervisors and Curriculum Development
- Association for Talent and Development
- American Society for Engineering Educators
- International Technology and Engineering Education Association
- American Astronomical Society
- American Society of Safety Professionals
- National Association of Science Teachers
- Florida Association of Science Teachers
- American Library Association
- Florida Library Association
- Florida Marine Science Educators
- League of Environmental Educators
- National Association of Education of Young Children

References Available Upon Request