

ROBERT W. KEDDELL

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Director, Educators Connecting Research to the K-16 Classroom Cross Functional Expertise, Diverse Experience

Highly motivated professional educator offering more than 20 years of teacher leadership, staff development, curriculum writing, and education partnerships within urban and suburban public school settings. Results-focused and effectual teacher trainer with proven ability to motivate students and adults. Talent for creative programming and coaching skills – collaborating for excellence, administering grants, conducting collaborative action research, nurturing colleagues and managing multiple programs. PC and Macintosh computing skills. Strengths in:

- Program Evaluation
- Cost/Capacity Budget Analysis
- Research Instruments
- School System Liaison
- As a Liaison to the Maryland State Department of Education
- Faculty In-services
- School/Community Partnerships
- Curriculum Projects
- National and State Standards
- Team Leadership
- Curriculum Integration

PROFESSIONAL EXPERIENCE

Educators Connecting Research to the K-16 Classroom (2000 – present)

➤ **DIRECTOR – RESPONSIBLE FOR ALL PHASES OF PROGRAM DEVELOPMENT**

Recruited by Virginia Tech University to expand their Institute for Connecting Science Research to the K-12 Classroom to the State of Maryland. Currently leading the Shared Summits international mountaineering curriculum project and the Aqua Havens for Education school project. Work to provide job embedded staff development for first and second year teachers at Wilde Lake Middle School. Services description can be found at <http://www.fieldtclassroom.com>.

Adjunct Professor, Johns Hopkins University (2000 – present)

➤ **INSTRUCTOR – TEACHER LEADERSHIP SEMINAR AND ACTION RESEARCH COURSE**

Recruited by the Director of Education for Johns Hopkins University to teach the final seminar in the Teacher Leadership master's degree program. This course is a requirement for all candidates to be awarded their Teacher Leadership degree. It is their capstone course.

Living Classrooms Foundation, Baltimore, Maryland (1997 – 2000)

- **CURRICULUM WRITER/TEACHER TRAINER**
- **PROGRAM DEVELOPER**
- **LIASION TO THE MARYLAND STATE DEPARTMENT OF EDUCATION**
- **INSTITUTE FOR CONNECTING RESEARCH TO THE K-12 CLASSROOM**

Recruited initially part time to write curriculum for the Whitbread Round the World Sailing Race, the position evolved to full time status with the expressed charge to assist the Living Classrooms Foundation to align its diverse programming closer to Maryland State's Performance Standards. This integration into state standards has been a consistent task throughout both the part-time and full-time status.

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Key Results:

- Co-authored curriculums and conducted teacher training for the Whitbread Round the World Sailing Race, the National EPA's Nitrate Net Program, Algae/Oyster Online Curriculum Project and Chicago Public Schools' slavery curriculum entitled "Taken From the Native Lands."
- Co-led MSPAP in-services for educators in Living Classrooms Foundation Education Departments.
- Co-authored \$186,000 grant award from the EPA to implement a Living Classrooms Foundation and United States Geological Survey partnership for wet deposition research in two states.
- Coordinated the implementation of the MSPAP Practice Assessment Programming at the National Historic Seaport of Baltimore.
- Served as liaison to the Maryland State Department of Education.
- Initiated and implemented Collaborative Action Research Projects at Shady Spring Elementary School and Garrison Forest School in Baltimore County.
- Participated in the State Level committee developing the Maryland State Department of Education's master plan for staff development (1999).

Baltimore City Public Schools

(1995 – 1999)

- **PROGRAM DEVELOPER/EVALUATOR FOR THE INGENUITY PROJECT**
- **MIDDLE SCHOOL MATH/SCIENCE/TECHNOLOGY TEACHER**

Recruited by the Abell Foundation of Baltimore City to team teach and develop a math/science magnet school program for Baltimore City's Urban Systemic Change Initiative. Full-time position included travel between two schools to implement two ninety-minute time blocks dedicated to math/science instruction. Emphasis was on basic skills acceleration, performance learning laboratory work and technology integration. Both the Abell Foundation and researchers from Johns Hopkins University conducted program evaluation.

Critical Actions:

- Conducted collaborative action research on the integration of basic skill development and performance learning with the expressed purpose of accelerating student achievement.
- Developed and taught integrated math/science/technology performance learning units for grades 6, 7 and 8.
- Presented the Ingenuity Project at local, state and national conferences.
- Recorded through Johns Hopkins University independent evaluation an average of 3 years of academic growth per year for students in grades 6 and 7.

Howard County Public Schools

(1985 – Present)

Moved to Maryland in 1985 and began a Howard County career in an elementary school. Recruited one year later for two years to Howard County's Central Office to rewrite and implement a new Howard County Science Curriculum for grades 1 through 5. Next, was recruited to initiate a gifted and talented program for middle students, grades 6, 7 and 8. Opened new middle school and led the design and materials/technology development of the science department at Patuxent Valley Middle School.

Selected Results:

- Wrote, edited and trained teachers and reinforced 21 hands-on science curriculum units for grades one through five.
- Secured and administered \$120,000 in grant awards for the Partnerships in Natural and Environmental Sciences community program at Savage Park behind Patuxent Valley Middle School. Major grant awards were from the Region III EPA, GTE Corporation, Chesapeake Bay Trust, and the American Chemical Company.
- Twice won nomination for the State of Maryland's Presidential Award for Excellence in Math and Science Teaching. Also awarded the National Science Teachers Association's OHAUS Award for Creative Science Teaching methodologies.

- Master Teacher for the National Aquarium in Baltimore's Living In Water curriculum

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- Conducted math/science/technology presentations and professional consultation services for Florida's National Staff Development Institute, the National Middle Schools Association, Apple Computer, Optical Data Laserdisc technology and schools in Maryland, Virginia, Oregon, Indiana, and Missouri.

Ithaca City Public Schools

(1974 – 1985)

Selected Results:

- Recognized by Cornell University as an outstanding teacher for success with minority student achievement.
- Implemented multi-age classroom for students in grades 4, 5 and 6.
- Middle School math/science/computer teacher.

PROFESSIONAL AFFILIATIONS

- National Science Teachers Association
- Association for Supervision and Professional Development
- Maryland Science Teachers Association

EDUCATION

Masters in Teaching Leadership (Master of Science)

Johns Hopkins University

Cortland State University

Teacher Certification Program

Ithaca College (Bachelor of the Arts)

Sociology/Anthropology

REFERENCES

- Gary Heath, Branch Chief Maryland State Department of Education's Division of Instruction and Staff Development (410-767-0316)
- Dr. Joy Colbert, Director of the National Consortium for Connecting Research to the K-12 Classroom at Virginia Tech University (540-231-5467)
- Dr. Lee Summerville, retired Executive Supervisor of Science for Howard County and Montgomery County Public Schools (301-596-2184) (H)

PROFESSIONAL PORTFOLIO

Available upon request

Portfolio Sections:

- Professional Background
- Commendations
- Evidence of Creativity
- Learning Theory Applications
- Integration of Disciplines
- Student Performance Evidence
- Multicultural Applications
- Evidence of Management Skills
- Curriculum Publications