

Gary L. Ackerman
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Licenses: Science (2-13), General Math (2-11A), Educational Technology Specialist (3-42) (expire 2012)

Objective: Leadership position in student-centered & technology-rich education

Degrees: *Doctor of Philosophy* Student, degree anticipated 2008
Northcentral University, Prescott, Arizona
- Specialization in education technology management
- Pilot student for e-portfolio initiative

Master of Arts in Education, 2000
Castleton State College, Castleton, Vermont
- Specialization in curriculum and instruction
- Thesis focused on technology planning in schools

Bachelor of Science in Education, 1988
University of Vermont, Burlington, Vermont
- Majored in secondary science education
- Conducted original research in botany

Professional Positions: *Technology Teacher & Coordinator*, Dec. 2003 – present
West Rutland School, West Rutland, Vermont
- Administered 150+ device network
- Provided desktop support and troubleshooting
- Authored technology plans and integration plans
- Planned and delivered professional development
- Supervised student technicians, interns, and assistants
- Accessed alternative funding sources including grants and e-Rate funds
- Served as distance learning site coordinator
- Led initiative to integrate open source software, including Linux
Courses taught:

- Computer Applications
- Information Technology
- Web Page Design
- Introduction to Programming
- Middle School Computers

Technology Coordinator, Aug. 2003 – Dec., 2003
Bennington-Rutland Supervisory Union, Manchester Center, Vermont
- Technology planning and professional development for five K-6 and K-8 schools

Math Teacher, 2002 – 2003
The Dorset School, Dorset, Vermont
- Developed technology solutions for administrative and instructional problems
- Led personal performance project initiative
Courses taught:

- Connected Math (Grades 6 & 7)
- Algebra I

Math Teacher & Information Technology Teacher, 1994 - 2002

Rutland Middle School, Rutland, Vermont

- Supported 60+ device network
- Led electronic personal development collection initiative

Courses taught:

- Grade 7 Math
- Middle School Computers
- Exploratory
- Teacher Advisory

Science Teacher, 1992 - 1994

Mill River Union High School, North Clarendon, Vermont

- Developed computer-based laboratory curriculum for physics and chemistry
- Served on K-12 technology integration planning team

Courses taught:

- Middle School Life Science
- Middle School Physical Science
- Earth Science
- General Chemistry

Science Teacher, 1988 - 1992

Lamoille Union High School, Hyde Park, Vermont

- Served on K-12 science curriculum team
- Led team trips to Washington, DC

Courses taught:

- Middle School Life Science
- Middle School Physical Science
- Teacher Advisory

Leadership

Members, Board of Directors, 2007 – present

Positions:

New England League of Middle Schools, Topsfield, Massachusetts

Co-Chair, Technology Steering Committee, 2007 – present

Rutland Central Supervisory Union, Rutland, Vermont

Technology Committee Member 2003 – present

New England League of Middle Schools, Topsfield, Massachusetts

Vermont Lead Information Technology Team Leader 2006 - 2007

West Rutland School, West Rutland, Vermont

Capstone Leadership Team Member 1999 – 2003

Rutland Region Education Alliance, Rutland, Vermont

Board of Directors & Chair of Southwest Regional Group, 1998 - 2002

Vermont Information Technology Association for the Advancement of Learning

Curriculum, Assessment & Professional Development Subcommittee Chair, 1997 – 1998

Rutland City Public Schools, Rutland, Vermont

Technology Committee Chairperson, 1994 – 1998

Rutland Middle Schools, Rutland, Vermont

Science, Math, and Technology Committee Member, 1993 - 1994
Rutland South Supervisory Union, North Clarendon, Vermont

Interdisciplinary Team Leader, 1989 - 1992
Lamoille Union High School, Hyde Park, Vermont

Teaching
Teachers: Information Technology for School Library Media Centers, 2000 – summer 2008
Graduate course instructor, University of Vermont, Burlington, Vermont

Computer Power Tools for Learning, 2007
Graduate course instructor, Castleton Center for Schools, Castleton, Vermont

The Internet in the Modern Classroom, 2006
Graduate course instructor, Castleton Center for Schools, Castleton, Vermont

Rutland Central Supervisory Union Technology Institute, 2005
Graduate course instructor, Rutland Central Supervisory Union, Rutland, Vermont

Teaching and Learning in Grades Five through Nine, 2004
Institute faculty member, Castleton Center for Schools, Castleton, Vermont

Computers in the Classroom, 1998 – 2003
Graduate course instructor, College of St. Joseph, Rutland, Vermont

Vermont Middle Grades Institute, 2000 – 2003
Technologist, Vermont Association for Middle Level Education, Johnson, Vermont

Capstone Institute, 1999 – 2003
Technologist & Faculty Member, Rutland Region Education Alliance, Rutland, Vermont

Rutland City Public Schools Technology Institutes, 1996 - 1999
Workshop presenter, Rutland City Public Schools, Rutland, Vermont

Professional
Presentations: Open Source Software
November, 2007, Vermont Small School Conference, West Rutland, Vermont

Online Courses
November , 2007, Vermont Small School Conference, West Rutland, Vermont

Leading in the Wired World (co-presenter)
March 2007, New England League of Middle Schools, Providence, Rhode Island

Using Technology to Promote the Unified Arts
November, 2006, New England League of Middle Schools, Sturbridge, Massachusetts

Technology: What To Do If You Don't Have Enough (co-presenter)
March 2006, New England League of Middle Schools, Providence, Rhode Island

Technology In the Middle School Classroom
October 2005, New England League of Middle Schools, Keene, New Hampshire

Technology-Rich Show & Tell
March 2005, New England League of Middle Schools, Providence, Rhode Island

Intranets: A Tool for Modern Middle Schools
November, 2004, New England League of Middle Schools, Sturbridge, Massachusetts

Creating a (Technology-Rich) Collecting Culture
March, 2004, New England League of Middle Schools, Providence, Rhode Island

Keeping It Middle School When Your Schools Isn't
June, 2003, Vermont Middle Grades Institute, Johnson, Vermont

Preparing Powerful Portfolios
March, 2003, New England League of Middle Schools, Providence, Rhode Island

Components of a Manual for Practitioners
March, 2002, New England League of Middle Schools, Providence, Rhode Island

Electronic Portfolios in the Unified Arts Curriculum
November, 2004, New England League of Middle Schools, Sturbridge, Massachusetts

Capstone Initiative (co-presenter)
October, 2000, Association for Supervision and Curriculum Development, Burlington, VT

Gathering Meaningful Data in Middle Schools
March, 2000, New England League of Middle Schools, Providence, Rhode Island

Using Qualitative Research Methods to Enhance Our Teaching (co-presenter)
May, 1998, New England Educational Research Organization, Portland, Maine

**Research &
Publications:**

Blogger at <http://www.nelms.org/blog>

Ackerman, G. (2006). Technology for Turing Points. *Journal of the New England League of Middle Schools* 18(1), 22-6.

Reviewer: National Forum on Education Statistics. (2006). *Forum guide to elementary/secondary virtual education*. Jessup, MD: U.S. Department of Education.

Ackerman, G. (2003). *Online learning environments for Southwestern Vermont: A framework for planning and initial endeavors*. Unpublished manuscript, School of Computer and Information Sciences, Nova Southeastern University Fort Lauderdale, FL.

Ackerman, G. (ed.). (2002). *Electronic personal development collections: A resource CD for educators*. Rutland, VT: Rutland Region Education Collaborative.

Ackerman, G. (2000). *School technology planning in Southwestern Vermont*. Unpublished master's thesis, Castleton State College, Castleton, VT.

Ackerman, G. (1999). *Interviewing to understand technology*. Unpublished manuscript, Castleton State College, Castleton, VT.

Ackerman, G. (1987). *The effects of pruning on lateral growth of Pinus resinosa*. Unpublished manuscript, University of Vermont, Burlington, VT.

Ackerman, G., Offenhartz, S. & Green, A. (1985). *The effects of heavy metals on nodule formation in legumes*. Unpublished manuscript, University of Vermont, Burlington, VT.

Technology Operating systems: Windows (9x-XP), Linux (Ubuntu), Macintosh (7.x-X)
Skills: Network operating systems: Windows (NT, 2003), Linux
Web design: DreamWeaver, NVU, FrontPage, various content management systems
Distance learning: teacher with and administrator of ATutor & Moodle sites
Multimedia: Flash, Revolution, Metacard, HyperStudio
Image editing: FireWorks, PhotoShop, The GIMP
Science & Math: SPSS, Kig, Interactive Physics
Skilled troubleshooter of computer and network systems
Experienced developing and integration plans for all grade levels and content areas

References: Available upon request

Portfolio: <http://www.hackscience.net> (follow Professional Portfolio link on the left)