

Joseph Murray
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Curriculum Vitae

EDUCATION

- 1980-1984 B.A. Biology (minor in Chemistry), Radford University, Radford, VA
- 1984-1987 M.S. Plant Pathology and Physiology, Virginia Polytechnic Institute and State University, Blacksburg, VA
- 1992-1993 M.T. (Teaching) University of Richmond, Richmond, VA

MILITARY EXPERIENCE

- 1977-1980 *Communications Center Supervisor*, Headquarters Battalion, Commanding General 2nd Marine Division, United States Marine Corps, Camp Lejeune, NC. Honorable Discharge (Corporal; E4). Received two meritorious promotions.
- 2006-Present Marine Corps League, Stonewall Detachment. Staunton, VA

ARBORICULTURE WORK EXPERIENCE

- 1986-1988 *Horticulturist*, ChemLawn Services Corporation, Landover, MD.
- 1988-1992 *Sales Representative/Assistant Manager*, Bartlett Tree Expert Company, Richmond VA
- 1999-2014 *Director*, Blue Ridge Community College Arboretum
- 2003-Present Consulting Arborist

ACADEMIC APPOINTMENTS

- 1991 *Adjunct Biology Instructor*, J. Sargeant Reynolds Community College, Richmond, VA
- 1993-1998 *Biology Teacher*. Amherst County High School, Amherst, VA
- 1995-1998 *High School Dual Enrollment Biology Instructor*. Central Virginia Community College, Lynchburg, VA
- 1994-1998 *Adjunct Biology Instructor*, Central Virginia Community College, Lynchburg, VA
- 1998-2014 *Assistant Professor of Biology*, Blue Ridge Community College, Weyers Cave, VA
- 2000-2007 *Part-time Instructor (Non-Credit)*. Center for Training and Development. Blue Ridge Community College, Weyers Cave, VA
- 2002-2006 *Arboriculture Program Director*. Blue Ridge Community College, Weyers Cave, VA

ARBORICULTURE TRAINING APPOINTMENTS

- 1988-1992 *Trainer*. Master Gardener Program, Chesterfield County Cooperative Extension. Chester, VA
- 2002-2008 *Trainer*. Urban and Community Forestry Program. Virginia Department of Forestry, Charlottesville, VA
- 2004-Present *Trainer (Guest Speaker)*. Master Gardener Program. Virginia Cooperative Extension Service.
- 2005-Present *Trainer (Guest Speaker)*. Virginia Master Gardener "College" Annual Program. Virginia Tech., Blacksburg, VA
- 2005-2014 *Trainer*. International Tree Failure Database. United States Forest Service.
- 2005-Present *Trainer*. ISA Certified Arborist Certification Training Course. Mid-Atlantic Chapter of the International Society of Arboriculture.
- 2013-Present *Instructor*. Tree Risk Assessment Qualification. International Society of Arboriculture.

CERTIFICATION AND LICENSURE

- 1988 Tree Expert License, State of Maryland
- 1993-2000 State Teachers License, Biology Endorsement, State Board of Education, Commonwealth of Virginia
- 2001-Present Certified Arborist (MA-0038A), Mid-Atlantic Chapter, International Society of Arboriculture (previously certified 1988-1992)
- 2004-2014 Certified Tree Worker/Climber Specialist (MA-0038T), Mid-Atlantic Chapter, International Society of Arboriculture
- 2005-Present Certified Utility Arborist (MA-0038U), Mid-Atlantic Chapter, International Society of Arboriculture
- 2006-2014 Certified Pesticide Applicator, Virginia Department of Agriculture and Consumer Services
- 2010-2013 Certified Tree Risk Assessor (CTRA-835), Pacific Northwest Chapter, International Society of Arboriculture
- 2013-Present Qualified Tree Risk Assessor. International Society of Arboriculture.

TEACHING EXPERIENCE - BIOLOGY

- 1991 General Biology: J. Sargeant Reynolds Community College, Richmond, VA
- 1993-1998 Advance Science Research (Designed course and curriculum): Amherst Co. High School, Amherst, VA
- 1993-1998 General Biology (Special Needs, 10th grade & Honors): Amherst County High School, Amherst, VA
- 1994-1998 Advance Biology (Dual Enrollment; High School with Local Community College): Central Virginia Community College, Lynchburg, VA
- 1994-1998 General Biology: Central Virginia Community College, Lynchburg, VA
- 1994-1998 Anatomy and Physiology: Central Virginia Community College, Lynchburg, VA
- 1998-2014 General Biology: Blue Ridge Community College, Weyers Cave, VA
- 1998-2000 Anatomy & Physiology: Blue Ridge Community College, Weyers Cave, VA
- 1999-2000 Biotechnology: Blue Ridge Community College, Weyers Cave, VA
- 2001-2014 Cyberbiology (Biology 101 and 102) (Designed college's first on-line science course): Blue Ridge Community College, Weyers Cave, VA

TEACHING EXPERIENCE – ARBORICULTURE

- 2000-2005 *Tree Care 101* (non-credit) Center for Training and Development, Blue Ridge Community College, Weyers Cave, VA
- 2001-2005 *Arborist Certification Course* (non-credit) Center for Training and Development, Blue Ridge Community College and Mid-Atlantic Chapter of the International Society of Arboriculture
- 2002-2004 *Rain Garden: Design, Installation & Maintenance* (non-credit) Blue Ridge Community College, Weyers Cave, VA
- 2002-2006 Developed and directed the Career Studies Certificate Program in Arboriculture (the first one in Virginia): Blue Ridge Community College, Weyers Cave, VA
- 2002-2006 *Arboriculture* (HRT 259). Blue Ridge Community College, Weyers Cave, VA
- 2002-2006 *Urban Forestry* (FOR 265). Blue Ridge Community College, Weyers Cave, VA
- 2004-2006 *Recreational Tree Climbing* (FOR 195). Blue Ridge Community College, Weyers Cave, VA
- 2005-2006 *Plant Pest Management* (HRT 207). Blue Ridge Community College, Weyers Cave, VA
- 2005-Present *Arborist Certification Course*. Mid-Atlantic Chapter of the International Society of Arboriculture.

MEMBERSHIP IN ARBORICULTURE RELATED SOCIETIES

- 1999-2002 American Association of Botanical Gardens and Arboreta
- 1999-2014 Virginia Urban Forest Council
- 1999-2003 Virginia Native Plant Society
- 1999-2003 Shenandoah Chapter of the Virginia Native Plant Society
- 2000-Present International Society of Arboriculture (previously 1988-1993)
- 2000-Present Mid-Atlantic Chapter of the International Association of Arboriculture (previously 1988-1993)
- 2000-2002 Society of Commercial Arboriculture
- 2003-2015 American Society of Consulting Arborists (previously 2001-2002)
- 2005-Present Utility Arborist Association
- 2006-Present Soil Science Society of America
- 2006-2013 Virginia Association of Professional Soil Scientists
- 2006-2010 Society of Municipal Arboriculture
- 2006-2010 Arboricultural Research and Education Academy
- 2015-Present Upper James River Chapter. Virginia Native Plant Society. Lexington, VA.
- 2016-Present Associate Member. Charlottesville Area Tree Stewards. Charlottesville, VA.

AWARDS AND HONORS

- 1977-1980 Received two meritorious promotions. Communications Center Supervisor, Headquarters Battalion, Commanding General 2nd Marine Division, United States Marine Corps, Camp Lejeune, NC.
- 1987 *Most Valuable Horticulturist*, Landover branch of ChemLawn Services, Landover, MD
- 1991 *Most Improved Office*, Mid-Atlantic Region of Bartlett Tree Expert Company, Richmond, VA.
- 1992 Recipient of a full scholarship to attend University of Richmond (Richmond, VA).
- 1993 *Kappa Delta Pi*, Theta Theta Chapter, University of Richmond, Richmond, VA.
- 1994-1995 *Internship* in the National Science Foundation's Center For Biological Timing (two summers), University of Virginia, Charlottesville, Virginia.
- 1995-1996 *Field Tester* for the National Association of Biology Teachers and the National Science Foundation. *Encouraging Student Biological Research Through Teacher-Scientist Partnerships*. 2000. National Association of Biology Teachers. ISBN: 0-941212-26-2. Tested 12 variations of the activity *Biosphere III*.
- 1996 *Woodrow Wilson Fellowship*. Woodrow Wilson High School Leadership Institute, *Neurobiology at All Levels of Organization*. Princeton, New Jersey. June-July.
- 1998 *Teacher of the Year*. Amherst County High School. Amherst, Virginia
- 2000 *Technology in Education Award for Excellence* in the Area of Classroom Support for the project *The Virtual Professor*. Virginia Community College System New Horizons Conference. Richmond, VA. April 3
- 2002 *Outstanding Faculty Award* for Blue Ridge Community College and nominee for the State Council of Higher Education for Virginia.
- 2002 *Excellence Award*. National Institute for Staff & Organizational Development. The University of Texas at Austin.
- 2002 *Educators Travel Grant* (scholarship). Professional Horticultural Conference of Virginia. Virginia Beach Pavilion, Virginia Beach, VA.
- 2002 *Faculty Showcase Award*. Virginia Community College Association.
- 2002 *Gold Leaf Award*. Blue Ridge Community College Arboretum. International Society of Arboriculture. Received at the Mid-Atlantic Chapter Conference. Virginia Beach, VA. October 1, 2002.
- 2004 *Award of Merit*. Mid-Atlantic Chapter of the International Society of Arboriculture.
- 2006 Urban Forestry Award. Headwaters Soil and Water Conservation District (Virginia). October 24, 2006.

OTHER PROFESSIONAL POSITIONS: ARBORICULTURE

- 1999-2005 Board of Directors, Virginia Urban Forest Council
- 2001-2015 Landscape Advisory Board, Staunton, VA (2004-2015, Chair)
- 2001-2012 Virginia Big Tree Committee. VPI & SU Forestry Department and Virginia Department of Forestry. Chair, Subcommittee for Search and Verification of Virginia's Big Trees 2001-2006).
- 2002-2012 American Forest Field Representative for Virginia
- 2002-2007 Judge. Mid-Atlantic Chapter of the International Society of Arboriculture Tree Climbing Championship
- 2002-2005 Proctor for the International Society of Arboriculture Arborist Certification Exam.
- 2003-2005 Reformed the Tree Worker Certification Program for the Mid-Atlantic Chapter of the International Society of Arboriculture.
- 2003-2005 Board of Directors, Mid-Atlantic Chapter of the International Society of Arboriculture.
- 2004-2006 Education Chair. Mid-Atlantic Chapter of the International Society of Arboriculture.
- 2004-2013 Reviewer, *Arborist News*. International Society of Arboriculture
- 2004-Present Reviewer and contributor to educational publications, International Society of Arboriculture
 - *Glossary of Arboricultural Terms* (2005 & 2007)
 - Member of the Original Development and Review Team
 - *Tree Climbers' Guide* (3rd Edition; 2005)
 - *Introduction to Arboriculture* (Series of Interactive CDs):
 - *Tree Worker Safety* (2004)
 - *Pruning* (2005)
 - *Diagnosis & Disorders* (2005)
 - *Planting & Early Care* (2006)
 - *Tree Risk Assessment* (2006)
 - *Trees and Water* (2006)
 - *Trees and Construction* (2006)
 - *Plant Health Care* (2006)
 - *Tree Maintenance* (2007)
 - *Best Management Practices* Review Committee
 - *Integrated Pest Management* (2007 & 2016)
 - *Managing Trees During Construction* (2008 & 2016)
 - *Tree Risk Assessment* (2011 & Current Edition in Publication)
 - *Arborists' Certification Study Guide* (2010)
- 2004-2013 Proctor for the International Society of Arboriculture Certified Tree Worker/Climber Specialist Exam.
- 2005-2006 Vice-chair. Educational Goods and Services Committee. International Society of Arboriculture.
- 2006-2009 Chair. Educational Goods and Services Committee. International Society of Arboriculture.
- 2007-2009 Annual Conference Committee. International Society of Arboriculture.
- 2007-2009 Forestry Committee. Shenandoah Resource Conservation and Development Council.
- 2009 Technical Reviewer. Training Manual for Virginia Tree Stewards. Third Edition. Virginia Urban Forest Council.
- 2010-2011 Tree Risk Assessment Committee (Best Management Practices). International Society of Arboriculture.

PRESENTATIONS: ARBORICULTURE

- Invited speaker to horticultural and arboricultural conferences (local, regional, national, and International)