

The Barton L. Weller Scholarship

Previous Recipients and Projects

1978 - Current

1978 | **David Macdonald**, Newtown High School
Project Title: "Solar Heating with Concentrating Collectors"
Princeton University

1979 | **Cynthia Shope**, Newtown High School
Project Title: "Landscape Murals"
Rochester Institute of Technology

1980 | **James E. Bresnahan, Jr.**, Masuk High School
Project Title: "Experimental Animation"
New York University

1981 | **Elene Minopoli**, Trumbull High School
Project Title: "Study of Enzymes"
Yale University

1982 | **Scott Moody**, Masuk High School
Project Title: "Computer Program for Handicapped"
The University of Rochester

1983 | **Elizabeth Wilson**, Newtown High School
Project Title: "Changing Role of Women in Contemporary American Society"
Smith College

1984 | **Ronald J. Paproski**, Newtown High School
Project Title: "Dig into the Past"
University of Connecticut

1985 | **Kane M. Larin**, Newtown High School
Project Title: "A Study of the Frequency and Origin of Acid Rainfall in Western Connecticut"
The University of Rochester

1986 | **David S. Polgar**, Newtown High School
Project Title: "A Comparison of American Editorial Cartoons of World War II and the Vietnam War"
Bowdoin College

1987 | **Heather E. Mangam**, Joel Barlow High School
Project Title: "Does Inflammation of the Placental Membranes and Amniotic Fluid Predispose a Baby to Distress During Delivery"
Vanderbilt University

1988 | **Heather J. Tait**, Masuk High School
Project Title: "Teenage Alcoholism: A Play"
Ithaca College

1989 | **Calista K. Cleary**, Joel Barlow High School
Project Title: "Little Egypt: Black History In a New England Town"
Transylvania University

1990 | **Jason Peter Zolov**, Newtown High School
Project Title: "Kumquat: High School Humor Magazine"
Wesleyan University

1991 | **Michael Edward Rosenbush**, Masuk High School
Project Title: "Instructional Training Computer Aided Design Program for High School Students"
Boston University

1992 | **Jennifer Gail Thompson**, Masuk High School
Project Title: "A Bilingual Approach to Whole Language"
Fairfield University

1993 | **Andrea L. Blackwell**, Masuk High School
Project Title: "Connecticut History and Geography Computer Game for Elementary Students"
Tufts University

1994 | **Aaron Nelson**, Trumbull High School
Project Title: "The Creation of a Biographical Play Based on the Life and Works of Dylan Thomas"
Cornell University

1995 | **Peter J. Photos**, Shelton High School
Project Title: "A Practical Approach to Fuzzy Logic"
Princeton University

1996 | **Katherine H. Zimmerman**, Newtown High School
Project Title: "Star Selectors of the Hubble Space Telescope"
Massachusetts Institute of Technology

1997 | **Christopher James Bassett**, Newtown High School
Project Title: "The Portrayal of Emotions and Scenes Through Music"
New York University

1998 | **Kathryn L. Curran**, Shelton High School
Project Title: "When Virtue Becomes Vice: My Battle with Anorexia"
Barnard College

1999 | **Irfana Majumdar**, Trumbull High School
Project Title: "Hello People! I'm Irfana"
University of Chicago

2000 | **Denise A. Froatz**, Trumbull High School
Project Title: "The Effect of Prozac Versus the Effect of Zoloft on the Amount of Serotonin Re-uptake in a Crayfish's Brain"
University of Pennsylvania

2001 | **Mathew R. Ackerman**, Joel Barlow High School
Project Title: "Engineering Optimum Performance"
Dartmouth College

2002 | **Joshua David Gersen**, Masuk High School
Project Title: "America's Darkest Day: A Musical Composition"
New England Conservatory of Music

2003 | **Scott A. Denenberg**, Trumbull High School
Project Title: "Engineering an Energy Efficient, Adaptable Hybrid Bicycle Motor System"
Harvard College

2004 | **Monoswita Saha**, Trumbull High School
Project Title: "Tulsi Tree"
University of Connecticut

2005 | **Margaret Boushell**, Newtown High School
Project Title: "The Effects of a Home-Heating Oil Spill on the Local Environment"
Tufts University

2006 | **Alexa Ray Corriea**, Shelton High School
Project Title: "Augury: A Novel"
Boston University

2007 | **Carly Parkins**, Masuk High School
Project Title: "What Goes Around Comes Around: A Boomerang Manual"
University of Colorado

2008 | **Kyle Horton**, Masuk High School
Project Title: "Music: The Art of Science"
University of Connecticut

2009 | **David E. Furnes**, Masuk High School
Project Title: "Promoting Town Communication in the 21st Century"
University of Connecticut

2010 | **Rachel Ordway**, Joel Barlow High School A
Comic Book:
Project Title: "Madness in a Box: Angstbuckets Anonymous"
Savannah College of Art & Design Atlanta

2011 | **Michael P. Brown**, Masuk High School
Project Title: "Solar Panel Plethora; A Sunny Way to Brighten our Schools"
University of Virginia

2012 | **Nicholas M. Shigo**, Shelton High School
Project Title: "The Hunter Chronicles: Nightfall"
University of Connecticut

2013 | **Vishakha Negi**, Trumbull High School
Project Title: "Piercing the Veil"
Yale University

2014 | Joshua Kreitler, Shelton High School
Project Title: "Determining the Natural Pigment Category that Leads to the Highest Output of Voltage on Dye-Sensitized Solar Cells"
Pace University and Rensselaer Polytechnic Institute

2015 | Michael Lynders, Shelton High School
Project Title: "The Robotic Arm: A Study in Mechatronics"
Fairfield University

2016 | Nadia Koltchine, Joel Barlow High School
Project Title: "Drug Error Prevention and Advisory System for Anesthesia"
University of Connecticut

2017 | Marissa L. Peck, Shelton High School
Project Title: "Biodegradable Plastic Study To Prevent Oceanic Pollution"
Becker College

2018 | Talia Hankin, Newtown High School
Project Title: "27 DAYS" - An Original Play
Columbia University

2019 | Annika L. Morgan, Joel Barlow High School
Project Title: "Deuterium Oxide (D2O) on Maintaining Viability in Coliphage Bacteriophages under Low Temperatures to Model Live Attenuated Viral Vaccine Additives"
Dartmouth College

2020 | Owen O'Reilly, Joel Barlow High School
Project Title: "DOUG: An Organizational Solution for the Storage of Robotics Components"
University of the Sciences in Philadelphia

2021 | Taegan Smith, Newtown High School
Project Title: "Movements: An Exploration of Impactful Women in History Told Through Dance"
Fordham University

2022 | Samuel Staubly, Newtown High School
Project Title: "A Program and System for Accurately Aligning an Astrophotography Mount to a Camera"
Rochester Institute of Technology

2023 | Sofia Nwosu, Masuk High School
Project Title: "Anterior Cruciate Ligament (ACL) Tear Prevention in Young Athletes"
Cornell University

2024 | Samuel DiVasto, Trumbull High School
Project Title: "Magnetohydrodynamic Salt Water Generator: Using magnetohydrodynamics to extract energy from flowing saltwater"
UMASS Lowell

2025 | Shane John
Trumbull High School
Project Title: "Anterior Cruciate Ligament Repair: Biomaterial Approach Using Mussel Byssal Threads"
Springfield University