Alice Aycock was born in Harrisburg, PA. She received a B.A. from Douglass College and an M.A. from Hunter College. She was represented by the John Weber Gallery in New York City from 1976 through 2001 and has exhibited in major museums and galleries in the Americas, Europe, and Japan. She has received numerous awards including four National Endowment for the Arts Fellowships.

Alice's work is found in major collections throughout the world including the Museum of Modern Art, the Solomon R. Guggenheim Museum, the Metropolitan Museum of Art, the Brooklyn Museum and the Whitney Museum of American Art in New York City; the Los Angeles County Museum, the Kunstmuseum in Basel, Switzerland, and the Staatsgalerie in Stuttgart, Germany. In 1977 she had a “projects room” exhibition at the Museum of Modern Art in New York, and in 1983 she had a solo exhibition at The Museum of Contemporary Art in Chicago, Illinois.

To date she has had two major retrospective exhibitions. The first surveyed her work between 1972 and 1983. This was a traveling show that was organized by the Wurttembergischer Kunstverein in Stuttgart, Germany. Her most recent retrospective entitled "Complex Visions" was organized by the Storm King Art Center in Mountainville, New York in 1990. Alice has also exhibited in many group exhibitions. In 1977 and 1987 she created works for "Documenta" in Kassel, Germany. In 1978, 1980, and 1982 she exhibited at the Venice Biennale in Venice, Italy. And in 1979 and 1981 she exhibited in the Whitney Biennial in New York City.

Alice's early public works are land pieces that involve reshaping the earth such as A Simple Network of Underground Wells and Tunnels, Low Building With Dirt Roof (For Mary), and the Williams College Project, all situated on farms in Pennsylvania, New Jersey, and Massachusetts. While these pieces have become subjected to the weather and are no longer there, she has continuously worked on outdoor pieces and installations that are permanently sited in public and private places. A long list of these pieces includes: The Solar Wind, 1984 in Salem, VA, The House Of Stoics, 1984 in Lake Biwa, Japan, The Tower Of Babel, 1986 in Buhnsami Sculpture Garden near Houston, Texas, The Island of the Moons and Suns 1989, Robert Orton's sculpture garden in La Jolla, CA, Fantasy Sculpture II, 1990 at the University of Illinois, Urbana-Champaign, and Summaries of Arithmetic Through Dust, Including Writing Not Yet Printed, 1991 at the entrance to the Engineering Department, University of Michigan in Ann Arbor.

Alice Aycock's public sculptures can be found in many major cities in the U.S. Some of her public commissions include a roof top sculpture for the 107th Police Precinct House in Queens, New York in collaboration with the architects Perkins, Eastman (1992) and a Waterworks installation built adjacent to a new Medical Facility at the University of Nebraska in Omaha (1993).

In collaboration with Nicholas Quennell of the landscape firm of Quennell Rothschild Associates and HOK/TCA, Associated Architects for the New York Hospital, she designed a sculptural roof installation, East River Roundabout,
for the new East River Park Pavilion at 60th Street in New York City. This was installed in the fall of 1995. In 1996 she inaugurated a new work for the New San Francisco Public Library - a functional and fantasy spiral stairs and a suspended "Cyclone Fragment". The work required close collaboration with the library's principal architect James Ingo Freed of Pei, Cobb, Freed and Partners. Concurrently, she opened a new suspended sculpture for the Sacramento Convention Center in California. This work is approximately 200 feet long and showcases suspended moving parts. Tuning Fork Oracle, a marble table assemblage for the courtyard of Mason Gross School of the Arts, Rutgers University, New Brunswick, New Jersey was completed in April of 1997. In the spring of 1997 she also completed an outdoor sculpture for the new town of Kattenbroek in the Netherlands. In the spring of 1998, The Star Sifter, a large architectural sculpture for the rotunda of the new Terminal One at JFK International Airport was installed.

Ms. Aycock installed a suspended work for the Philadelphia International Airport, US Airways; Terminal F (2001). In January of 2002 she completed an outdoor work for the University of South Florida, Tampa, and in 2003 she installed a time-keeping courtyard sculpture for the new Police Headquarters in Dallas, Texas. In the summer of 2003 she installed a suspended sculpture for the Rowland State Government Center in Waterbury, Connecticut. Alice’s recent projects include the completion of a GSA commission for the entrance to the Fallon Building in the City of Baltimore, Maryland, and an indoor motorized sculpture for Ohio University’s new Putnam Hall in Athens, Ohio (both 2004). In 2005 she installed a suspended work for the Bill Bradley Sports and Recreation Center, Ramapo College in Ramapo, New Jersey. Projects completed in 2007 include Strange Attractor for Kansas City, Kansas City International Airport Long Term Parking Facility, Missouri; Ghost Ballet For the East Bank Machineworks, Nashville, Tennessee and The Uncertainty of Ground Fluctuations for the Center of Clayton, Missouri. In 2008 she installed On the Interaction of Particles of Thought, a suspended sculpture for the new Library at Tunxis Community College in Farmington, Connecticut and a floating pool sculpture for the new Central Broward Regional Park County, Florida. An outdoor sculpture for the Johnson-Ward Pedestrian Mall at the University of Tennessee, Knoxville was built in the summer of 2009 as well as a new work for Weber State University, Utah, titled Entangling/Disentangling Space.

From 1976 to 2001, Alice Aycock exhibited at the John Weber Gallery in New York. She had one person exhibitions there in '79, '81, '82, '84, '86, '88, '90, '93, '94, '96, and '98. In the summer of 2000 she constructed a new work for an exhibition of American Sculpture of the 20th century for the Principality of Monaco in Monte Carlo. In September of 2005 the MIT Press published the artist’s first hardcover monograph, entitled Alice Aycock, Sculpture and Projects, authored by Robert Hobbs. In 2008-9, the Museum of Modern Art exhibited her sculpture "Studies for a Town” as part of their permanent collection; the Whitney Museum of American Art is exhibiting her sculpture in the current exhibition “Sites”. In 2009 she had one person exhibitions at the Salomon Contemporary Warehouse in Easthampton and at the Fredric Snitzer Gallery in Miami. In 2010 she exhibited her work at the Thomas Schulte Gallery in Berlin. Alice has been a member of the New York City Design Commission since 2003 and she has also been appointed to the GSA’s National Register of Peer Professionals. She received the Americans for the Arts Public Art Award in 2008 for “Ghost Ballet for the East Bank Machineworks” in Nashville, Tennessee. She has taught at numerous colleges and universities including Yale University (1988-92) and as the Director of Graduate Sculpture Studies (1991-92). She has taught at the School of Visual Arts since 1991. In 2012, there will be a retrospective of her drawings organized by the Parrish Art Museum in Southampton, New York and in collaboration with the Grey Art Gallery in New York City.