

Agency Purpose

The mission of the Science Museum of Minnesota (SMM) is to “Turn on the science: realizing the potential of policymakers, educators and individuals to achieve full civic and economic participation in the world.” SMM is Minnesota’s largest statewide resource in science and math education for children, teachers and families and a trusted source of science research and public information on the issues of science that impact the quality of our lives.

As Minnesota’s only broad-based science museum, SMM is a natural partner with the state to advance student interest and achievement in science, technology, engineering and math; to care for objects and artifacts that represent our natural and cultural heritage; to generate scientific research that supports good management and policy decisions about our lakes and rivers; and to advance science literacy as a key strategy for driving the state’s continued economic development.

SMM works hand-in-hand with the Department of Education (MDE), Pollution Control Agency (PCA), Department of Natural Resources (DNR) and thousands of community-based organizations, schools and leading businesses to advance our mutual goals.

Core Functions

- ◆ To advance science as an essential literacy.
- ◆ To advance preK-12 student achievement in science and math regionally and nationally.
- ◆ To provide public officials, business and civic leaders with basic research that supports effective policy decisions in the areas of science and math education and our natural resources.
- ◆ To bring to Minnesota world class exhibits and films.
- ◆ To protect and interpret the 1.75 million objects and artifacts in our permanent collections.

Operations

- ◆ SMM is best known for operating the exhibits, films and public programs at its flagship museum on Kellogg Boulevard in St. Paul. Areas of focus include current science across all topics; physics and technology; the environment; human body; paleontology; and anthropology. SMM also operates the Lee and Rose Warner Nature Center in Washington County.
- ◆ SMM attracts and serves Minnesotans from all counties in the state: 54% from the suburbs, 24% in Minneapolis/St. Paul, and 22% from greater Minnesota.
- ◆ SMM serves students and teachers from across the state, in public, private and home school settings.
 - ⇒ 140,000 students visited on field trips in FY 2008. SMM provides teachers with pre- and post-visit classroom activities and specialized tours.
 - ⇒ 85,000 students participated in outreach programs in classrooms across the state. Programs include hour-long assemblies, five-day residencies on special themes, and teacher materials.
 - ⇒ 1,500 teachers participated in workshops and institutes at the museum and across the state.
 - ⇒ 29,000 students are reached each year through after-school, weekend and summer programs.

At A Glance

Highlights

- ◆ 1.2 million people served annually
 - ⇒ 900,000 visitors
 - ⇒ 260,000 school children (field trips and outreach programs)
 - ⇒ 100 inner city students in the Youth Science Center (330 contact hours/student/year)
- ◆ Visitors and program participants from every county in the state.
- ◆ 1,500 teachers around the state served in workshops and institutes;
- ◆ 1.75 million objects and artifacts in the collections cared for in trust for the state; and
- ◆ 250 FT and 500 PT employees and 1,400 active volunteers (donating 60,000 hours of service)
- ◆ 32,000 member households

Impact:

- ◆ **Science education.** Formal K-12 programs for district science coordinators and science/math teachers, including the Science House teacher resource center. Classes and camps serve 28,000 students in after school and weekend programs.
- ◆ **Science research/collections.** Repository for Minnesota archaeology, biology and other natural history collections.
- ◆ **Partners.** University of Minnesota, MNSCU, tribal colleges, 100+ social service or community based organizations, museums across the US.
- ◆ **Tourism.** The largest audience among the state’s museums/zoos, from every county of the state and the five-state region. Special exhibits like Body Worlds, Pompeii and Star Wars draw tourists from all 50 states and Canada.

- ◆ SMM conducts science research at the St. Croix Watershed Research Station in Washington County, focused on the degradation of surface and groundwater, and conducts laboratory and field research in paleontology. SMM operates the Warner Nature Center, serving 16,000 people in Washington County.
- ◆ SMM is a valued partner with the University of Minnesota on the National Center for Earth-Surface Dynamics; the Center for Fluid Power Research; the Lewis L. Stokes Alliance for Minority Participation (LSAMP).
- ◆ SMM is a national and international leader in the science museum field. We receive more competitive grants from the National Science Foundation (NSF) than any other museum. We partner with dozens of U.S. museums on multi-year education and exhibit initiatives, including a five-year \$20M NSF funded project to advance the understanding of nanotechnology.

Key Goals

The mission of the Science Museum links directly with these themes in the Minnesota Milestones vision: (1) protect and enjoy the natural world; (2) citizens will be good thinkers, creative, always learning, and with the skills to compete internationally. The goals we support include:

- ◆ Minnesotans will excel in basic and challenging academic skills and knowledge;
- ◆ Minnesota's workforce will have the education and training to make the state a leader in the global economy;
- ◆ Minnesotans will conserve natural resources to give future generations a healthy environment and a strong economy;
- ◆ Minnesotans will improve the quality of the air, water and earth.
- ◆ Minnesota will restore and maintain healthy ecosystems that support diverse plants and wildlife.

SMM is also deeply engaged with the MDE to support Science, Technology, Engineering and Math (STEM) education priorities through teacher professional development, review of the state science standards, and by bringing together legislative and business leaders.

Key Measures

- ◆ Performance against annual budgeted attendance, program and budget goals.
- ◆ Progress against our five-year strategic plan.
- ◆ Number of publications in peer-reviewed journals, books and monographs.
- ◆ Peer-reviewed federal grants we bring into Minnesota.
- ◆ Caliber and longevity of our community and national partners.

Budget

FY 2009 budget: \$37 million (\$27.5 million in unrestricted funds; \$9.5 million in one-time restricted grants)

Sources of \$27.5 million in unrestricted funds (74% of total)

- ◆ \$21.7 million in earned revenues (admissions, membership, sponsorship, class fees, film/exhibit sales)
- ◆ \$2.6 million in private contributions
- ◆ \$1.25 million in state operating support
- ◆ \$2 million in investment income

Sources of \$9.5 million in one-time restricted grants (for exhibits, research or educational projects)

- ◆ \$5.5 million in public funds
- ◆ \$4 million in private funds

Contact

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Dollars in Thousands

	Current		Forecast Base		Biennium 2010-11
	FY2008	FY2009	FY2010	FY2011	
<u>Direct Appropriations by Fund</u>					
Environment & Natural Resource					
Current Appropriation	374	0	0	0	0
Forecast Base	374	0	0	0	0
Change		0	0	0	0
% Biennial Change from 2008-09					-100%
General					
Current Appropriation	1,250	1,250	1,250	1,250	2,500
Forecast Base	1,250	1,250	1,250	1,250	2,500
Change		0	0	0	0
% Biennial Change from 2008-09					0%
<u>Expenditures by Fund</u>					
Direct Appropriations					
General	1,250	1,250	1,250	1,250	2,500
Total	1,250	1,250	1,250	1,250	2,500
<u>Expenditures by Category</u>					
Local Assistance	1,250	1,250	1,250	1,250	2,500
Total	1,250	1,250	1,250	1,250	2,500
<u>Expenditures by Program</u>					
Science Museum Of Minn	1,250	1,250	1,250	1,250	2,500
Total	1,250	1,250	1,250	1,250	2,500