

**Teachers...**

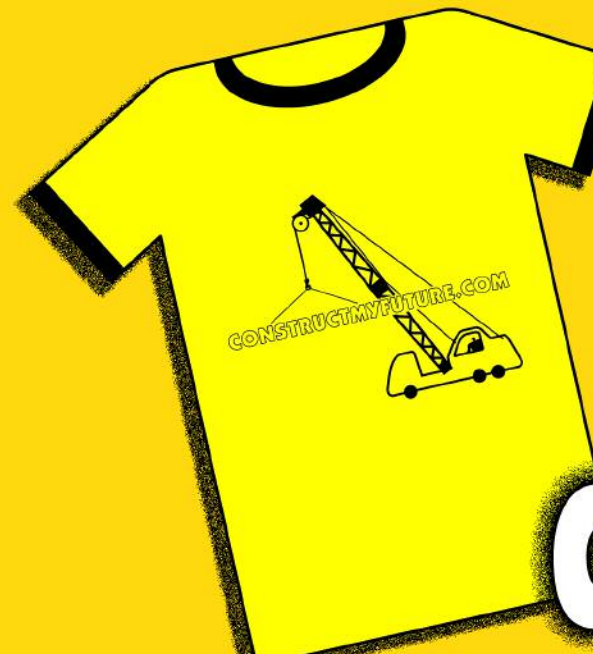
PREPARE YOUR STUDENTS TODAY FOR A **Career In Construction**

**Win \$500 in Technology for your classroom and help your students build a booming career.**

Use the FREE resource section on ConstructMyFuture.com to download projects or use our industry support section where you can find companies for class field trips or classroom speakers. Visit ConstructMyFuture.com for more details and explore the endless opportunities in construction careers.



**ConstructMyFuture.com Scholarship**



Apply for the 2007 Scholarship & get this free T-shirt. Enter at ConstructMyFuture.com

You could win one of three \$1,000 scholarships.

**ConstructMyFuture.com**



**ConstructMyFuture.com**

is an informational website for teachers, students and parents to explore the diverse and exciting careers that the construction industry has to offer. According to the U.S. Department of Labor, the construction industry will add 1 million jobs by 2012, which is an expected growth of 11%. Along with the growing workforce gap created by the retirement of baby boomers the construction industry is a great career choice with many opportunities for rapid growth potential. Now is your chance to grab the opportunities! We invite you to visit ConstructMyFuture.com and view the specific sections below designed for teachers, students and parents:

**Students & Parents:**

- **Scholarships:** A listing of industry scholarships.
- **Schools:** A searchable database of over 1600 post-secondary programs for the construction industry.
- **Careers in Construction:** An overview of construction terms and career descriptions.
- **Video/Article Library:** Provides career videos and construction industry related articles.

**Teachers:**

- **Resources:** Projects that blend academic theory with practical construction examples. This area also provides a database of companies willing to provide field trips, speaking engagements and student internships, along with a database of industry support for your state.



**Now Accepting 2007 Applications**

This year ConstructMyFuture.com is offering three \$1000 scholarships. The scholarships are open to students and construction industry professionals. It can be used for higher education or can be applied to the purchase price of tools by those who are currently working in the industry.

To apply for the 2007 scholarships log on to [www.ConstructMyFuture.com](http://www.ConstructMyFuture.com) to download this year's scholarship application.

**Does Anyone Really Win? Be Like Michele ...**

ConstructMyFuture.Com announces its scholarship recipients!

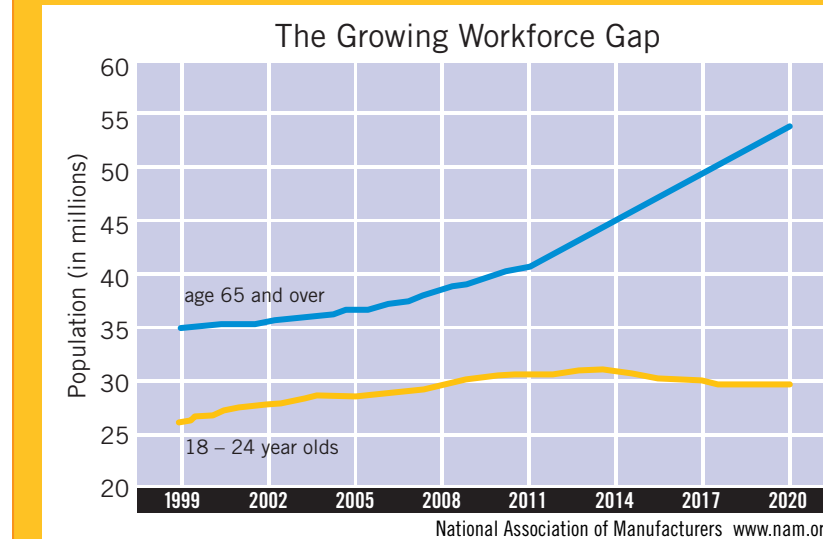
ConstructMyFuture.com awarded three scholarship winners for 2006 to Michele Mohon, Donald Osborn and Steven Swartz. These three individuals were picked because they best demonstrated their interest and determination to succeed in the construction field. We recently spoke with Michele, who now attends University of Texas, and asked her how school and classes were going. She said, "I have already started intro to civil engineering classes and am doing labs related to surveying land. There are many opportunities for students in this industry the job possibilities are truly endless."

**2006 Scholarship Winners!**

**\$1000** awarded to Michele Mohon, Friendswood High School, Friendswood, TX. Mohon plans to pursue civil engineering at the University of Texas in Austin, TX.

**\$1000** awarded to Donald Osborn, Conemaugh Valley High School, Johnstown, PA. Osborn plans to continue his education at Greater Johnstown Career and Technology Center, studying mobile equipment operations technology.

**\$1000** awarded to Steven Swartz, Saline High School, Saline, MI. Swartz will enroll in Washtenaw Community College working toward a Welding and Fabrication Degree.



Be sure to visit [ConstructMyFuture.com](http://ConstructMyFuture.com) for information on rewarding careers in Construction and scholarship opportunities.

**You Can't Win If You Don't Apply!**  
[www.ConstructMyFuture.com](http://www.ConstructMyFuture.com)

**FEATURED CAREER Profile Diesel Mining Equipment Technician**

**Jaden Vettel**, 21, from Caledonia, N.D., is a second-year student in the Diesel Technology program at the North Dakota State College of Science. His goal is to become a diesel technician in the mining industry. "I work as hard as possible to meet my goals by developing strategies and organizing priorities," says Vettel. In addition to his studies, he serves as the National SkillsUSA College Post Secondary Secretary and Vice President of the Joint Executive Council. SkillsUSA is a partnership of students, teachers and industry professionals working together to ensure America has a skilled workforce. The national organization serves more than 284,000 high school and college students and professional members enrolled in training programs in technical, skilled, and service occupations. Vettel became involved with SkillsUSA during his first year of school, after learning that his school was looking for people to run for state office. Soon after, he decided to run for office and was elected North Dakota Post-Secondary Vice President.

As part of his many experiences with SkillsUSA, Vettel represented his college in San Diego at the 2006 AED Annual Meeting & CONDEX, where he spoke with dealers about what they could do to get more high school students



to become diesel technicians. He worked in the HKX hydraulics systems booth demonstrating how to install the company's hydraulic system on excavators. While he continued his state officer duties, Vettel soon set his sights on the national office. During the SkillsUSA National Leadership and Skills Conference in Kansas City, Mo., Vettel campaigned and spoke to student leaders from across the country to win the position. "I've enjoyed being a leader and being involved in a group that gives so much back to the state," says Vettel.

"SkillsUSA works to bring students and industry to the horizons of our work to show them what has to be done to make our workforce better," says Vettel. "In working with SkillsUSA I've had the opportunity to strengthen my leadership skills, public speaking ability and team working skills."

**Career Profile: Jamie Blois Construction Project Manager**

**Jamie Blois**, a construction project manager with Griffith Company in Southern California, is the third generation of her family to be involved in the construction industry. Ms. Blois initially had little interest in going into construction management. She studied biomedical/biochemical engineering on a full scholarship at the University of Southern California. Working for the family business during the summers she discovered that she enjoyed working in the industry, so during her junior and senior years at USC Jamie took classes in construction management. After graduation she started working full-time as a project engineer and started classes towards a Masters degree in Construction Management.

Jamie says, "The biggest draw for me to enter the construction industry was the variety of people you meet in the industry, from the company executive to the field laborer. The industry employs great people, and every project has different challenges and hurdles that must be overcome."

Jamie acknowledges that the computer is the most important tool she uses in her daily activities with scheduling, estimating and drafting. But one of the benefits of her work, she adds, is that she is able to "escape" from the computer and spend time in the field. Still, even in the field technology does play a role such as survey equipment to lay out the project and video equipment for documentation of the project.

Jamie lastly credits her Dad as her biggest mentor. "He continually supports me and encourages my growth in the industry."

**Career Profile: Mike Dretzka Project Manager**

**Mike Dretzka** grew up in Franklin, WI and has always been a part of the family business, Underground Pipeline Inc. Mike says he started working in the field and gained on-the-job experience at a young age and in 1997 became the Project Manager.

Underground Pipeline Inc. installs sewer and water systems in new residential developments along with commercial and municipal work such as new storm sewers and underground pipes throughout southeastern Wisconsin.

Mike says a typical day as a Project Manager includes:

- Reviewing job sites prior to final job bids
- Providing estimates to clients
- Setting up new jobs
- Handling billing
- Cultivating new business

Mike says, "Students looking at Project Management careers should consider taking classes that would relate to estimating and scheduling. I also feel any hands-on experience or field experience is very helpful to understand the business better."



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*The Opportunities in Construction are Endless...*

# Visit [www.ConstructMyFuture.com](http://www.ConstructMyFuture.com) For More Career Possibilities!!!

There are more than 70 different careers in construction, from civil engineer to heavy equipment operator. Some jobs, like that of welding, require hands-on skill. Other professions, like construction project engineer, require skill like site planning, cost estimating, equipment selection, and quality management. A few of the most popular careers in construction are detailed here.

## **1** Machinist

Sets up and operates machine shop tools performing all operations possible on the particular machine.

## **2** Welder

Lays out, assembles, tacks, and performs various types of production welding work on small, medium and/or large weldments using hand and semi-automatic welding equipment.

## **3** Construction Equipment Distribution - Branch Manager

The Branch Manager is responsible for running a branch facility that is located apart from the company's headquarters. Each branch is self-sustaining and can sell, rent and provide service and parts just like the company headquarters. A branch can be located in the same neighborhood or many miles away. Branches allow distributors to better serve their customers by being closer to them. The branch manager controls the daily operations and also coordinates between the other branches and headquarters.

## **4** Construction Project Engineer

Construction engineering is the application of engineering, management, and business sciences to the processes of construction, through which designers' plans and specifications are converted into physical structures and facilities. The construction or project engineer is a professional constructor who engages in the design of temporary structures, site planning and layout, cost estimating, planning and scheduling, management, materials procurement, equipment selection, cost control, and quality management.

## **5** Civil Engineer

Civil engineers design large-scale infrastructure that moves people, goods, power and water. Some of the structures that Civil Engineers design include highways, airports, dams and other transit systems.

## **6** General Contractor

General contracting firms manage the construction process from start to finish. They oversee and hire other contractors who perform special tasks in connection with the construction of all kinds of structures, including roads, highways and buildings.

## **7** Superintendent

A job superintendent or a project superintendent is the contractor's representative at a construction site. The superintendent directs and coordinates the activities of the various trade groups such as Carpenters, Equipment Operators, Iron Workers, etc.-on site. Responsibilities include making sure that the work progresses according to schedule, that material and equipment are delivered to the site on time, and that the activities of the various workers do not interfere with one another.

## **8** Foreman

A foreman supervises and coordinates the work of a crew of workers in a specific craft or trade. Foremen are primarily concerned with seeing that the workers under them do their job skillfully and efficiently, and that assigned work progresses on schedule. They deal with the routing of material and equipment, and with the laying out of the more difficult areas of the job.

## **9** Heavy Equipment Operator

Equipment Operators operate and maintain a variety of powerful equipment ranging from bulldozers, backhoes, and earthmovers to very large power shovels and cranes. They also lubricate, maintain, and perform minor repairs and adjustments to the machinery.

## **10** Field Technician

The Field Service Technician is responsible for repairing and maintaining the customer's equipment, usually at the jobsite. If a piece of equipment goes down he or she must respond immediately and get the equipment up and running.



Put on your **hardhat** and head to [www.ConstructMyFuture.com](http://www.ConstructMyFuture.com)