

SkillsUSA®

# Welcome to Career and Technical Education and SkillsUSA!



**APRIL 20-22, 2009**  
LAFAYETTE

**27TH ANNUAL**  
**SkillsUSA**  
**LOUISIANA**  
**CHAMPIONSHIPS**

**educated** **connected** **motivated**  
**involved**  
**respected** **skilled**  
**prepared**

A collage of five small photographs showing diverse students in various settings: a female student in a chef's uniform, a male student looking at a laptop, two male students working together on a laptop, a male student smiling, and a female student smiling.

**SkillsUSA**  
Champions at Work



SkillsUSA

LOUISIANA

# *SkillsUSA Louisiana*

## Welcome

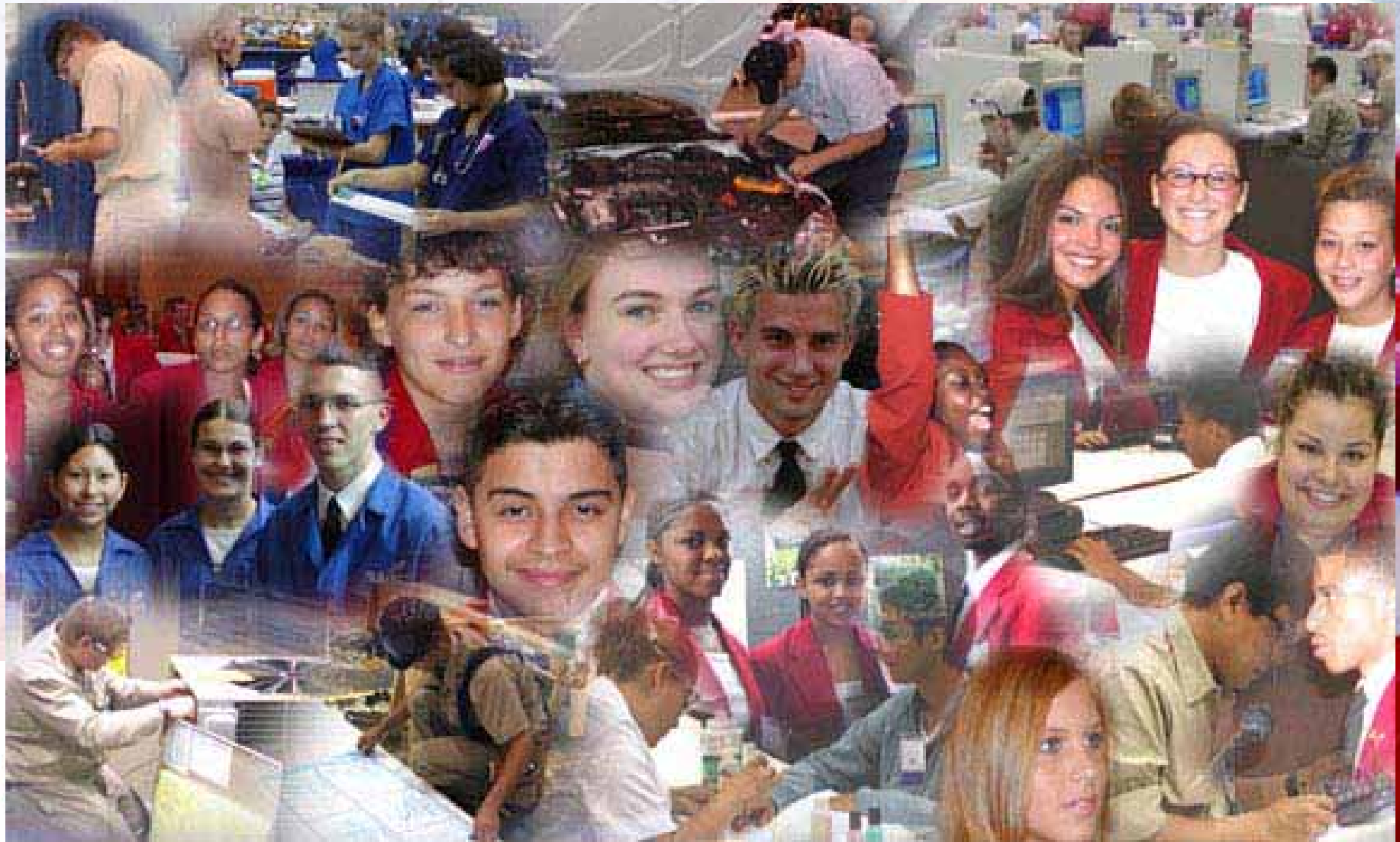


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**Larry Rabalais**  
*SkillsUSA Louisiana Director*

*Our "business" begins with the end in mind...*

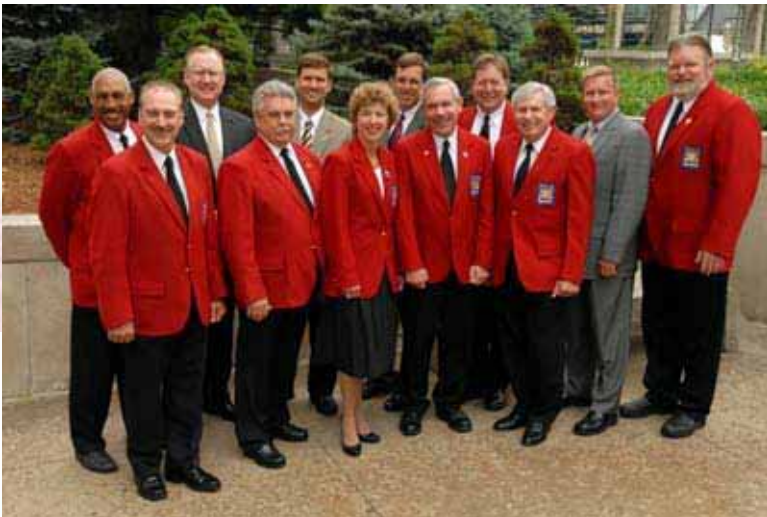
## STUDENTS



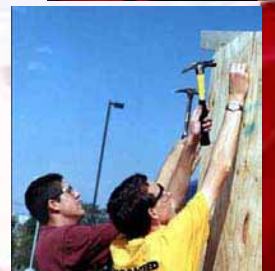
*We are part of a winning organization!*



2007-08 National Officer Team



SkillsUSA National Board of Directors



# Skills are in Demand!

The National Federation of Independent Business recently cited the NUMBER ONE problem of its members:

**"The shortage of skilled, trained workers."**

## 'Deplorable' skills worry manufacturers

By HOWARD HERRNSTADT  
Staff Writer

MONTVILLE TWP. — Manufacturing faces severe shortages of skilled personnel, now and in the future.

That was the conclusion of presenters at the National Conference on Manufacturing Technology Education that took place Aug. 23 at Rustic Hills Country Club.

Paul Koonitz, president of Denford Inc. in Medina, a manufacturer of computerized machine education systems, opened the conference by explaining the motivation for it. The idea arose July 2, after a recent Precision Machining Competition to design computer programs to control the machining of parts.

The results of the competition were "deplorable," Koonitz said.

The blue-ribbon winner received a score only slightly higher than 50 percent. Many participants could do little or nothing in the hour and 20 minutes allotted to fulfill the competition task, designing two metal parts on a computer, using industry software, he said.

The computerized designs enable a computer-controlled lathe or milling machine to manufacture the part.

The annual event is sponsored by SkillsUSA-VICA, a national organization of students in vocational programs in high schools and junior colleges.

The "decline in manufacturing's entry-level work force" could be seen in these results, Koonitz said.

"Very few companies today offer machinist or tool-making apprenticeships," he noted. Technical schools do a good job, but do not fill the gap between the empty job slots and available personnel, he added.

An educator, writer and publisher of technical books, Steve Kraw, president of Kefnor Associates, Ontario, Canada, added, "Each one of us has to share the

### Career Opportunities in Tooling & Machining

#### DID YOU KNOW...

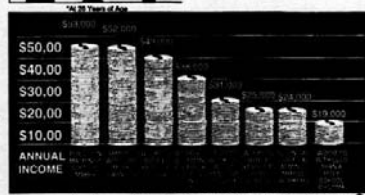
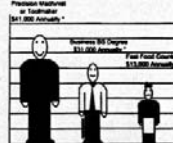
- Every level toolmaker can average \$27,000 a year during a four year training program.
- Experienced precision machinists' earnings range from \$40,000 to \$60,000 annually.
- The U.S. Government projects 2 job openings for every new certified precision metalworker through 2005.
- Precision machining provides a practical basis for an engineering or business degree.
- The gloomy rooms and grimey machines of the past are replaced with computers and high technology.
- Many toolmakers eventually own their own shops.

NOTE...  
The average incomes in all categories.

- Very aggressive, +30% based on location and skill level.
- Includes base pay plus overtime.

#### SOURCES...

- U.S. Bureau of Labor Statistics
- U.S. Census Bureau
- National Science Foundation/NSF
- NTMA, TMA, AMBA, PMA



Used by permission of CHARMILLES TECHNOLOGIES

*"There has never been a better time to have a skilled trade than there is today. It's a seller's market."*

— Eric Gearhart

SkillsUSA-VICA Senior Development Officer

blame of what has happened to technical education in this country.

You're playing with student

lives," by not providing relevant, up-to-date technical training.

The conference presented some potential solutions to the problem of inadequate industrial technology training.

Project Lead the Way, a program created by the Autodesk Foundation in Greenbrae, Calif., north of San Francisco, was described by Joe Oakley.

The Charitable Venture Foundation of Albany, N.Y., which funds the program, has made a 10-year commitment of a minimum of \$2 million a year in order to increase the number of applicants

and successful graduates of engineering colleges, Oakley said.

"We have a need for more engineers and fewer are coming out," of two- and four-year colleges, he said.

The program is introducing "a middle and high school pre-engineering curriculum designed to attract and prepare students to enter engineering or engineering technology careers," he said.

It is now in 105 schools, mostly in suburban districts with a few in rural and inner-city districts. There are five distinct courses, each lasting a full academic year,

Oakley noted.

The program includes training for teachers prior to and during the academic

year and orientation

for guidance counselors as well, to assist them in guiding course participants into industrial education and careers, Oakley said.

Educators interested in Project

Lead the Way can learn about it on the web at [www.PLTW.org](http://www.PLTW.org), he said.

Women interested in technology careers can visit the site at [www.autodesk.com/dyfi](http://www.autodesk.com/dyfi), Oakley said.

The site, designed and maintained by students, has numerous links to web pages that have such information, he said.

Another organization, The

Society of Manufacturing Engineers, is taking a range of actions to address the shortage of technical personnel.

The society, headquartered in Dearborn, Mich., began in 1986 to "identify those knowledge gaps" resulting from inadequate engineering curricula, said Mark Stratton, manager of manufacturing engineering education for the group.

In 1998 and '99 the society made a total of 16 grants to colleges ranging from \$50 to \$300,000. "The grants focus on industry driven competency gaps," Stratton said.

These gaps include areas of professional competency such as written and oral communication and teamwork, as well as technical skills such as quality control and product design, he said.

The society also has long-range goals that include "lifelong learning and career development" for its members and delivering "the message to K-12 teachers, students, parents and guidance counselors that manufacturing is important and that it presents challenging, rewarding and desirable careers," Stratton explained.

He said the society has developed a web site at [www.manufacturingacross.com](http://www.manufacturingacross.com). It takes the visitor through manufacturing facilities and introduces technical and managerial careers in manufacturing.

The society also seeks to involve its membership in K-12 education projects, Stratton said.

Manufacturing jobs and vocational education have traditionally been thought of as "dirty, dumb and dangerous," Eric Gearhart, senior development officer of SkillsUSA-VICA said. But this image should be changed to one that depicts industry as "clean, safe and high-tech," he said.

"There has never been a better time to have a skilled trade than there is today. It's a seller's market."

# Skills are in Demand!

The skills employers are desperate for are not only technical skills, but also **EMPLOYABILITY** skills (teamwork, communications, leadership, etc.).

There is a SKILLED LABOR SHORTAGE in America today.

Workers with the right skills are highly sought, and, most often, highly paid.

SkillsUSA helps students obtain and develop the skills they'll need to succeed.

# SkillsUSA teaches what companies want workers to learn

*Percentage of companies planning to teach the following key skills to employees in the next three years:*



Source: Anthony P. Carneveale, Leila J. Gainer, and Ann Meltzer. *Workplace Basics: The Skills Employers Want* (American Society for Training and Development and U.S. Dept. of Labor), 1989, p. 8.

# Skills are in Demand!

## What does SkillsUSA Offer to Students?

SkillsUSA offers students much more than a campus – based leadership activity or a chance to enter a competition.

SkillsUSA helps students obtain and develop the skills they'll need to succeed.

# SkillsUSA is:

- A partnership of students, teachers and industry, working together to ensure America has a skilled work force
- Serves more than 302,000 student and professional members in all 50 states in 4,700 high schools and two year colleges nationwide. Members are enrolled in technical, skilled and service occupations, including health occupations
- Leadership, citizenship, and character development programs and activities

# The Mission

SkillsUSA empowers its members to become world-class workers and responsible American citizens.

# The Vision

SkillsUSA is recognized as the organization that empowers students to be the leaders of America's skilled work force. Every eligible student is involved and every life we touch is improved.

# The Core Message

SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled work force. The organization helps each student excel.

# SkillsUSA Today



# 2009 GROWTH

## Membership

**FY2000**

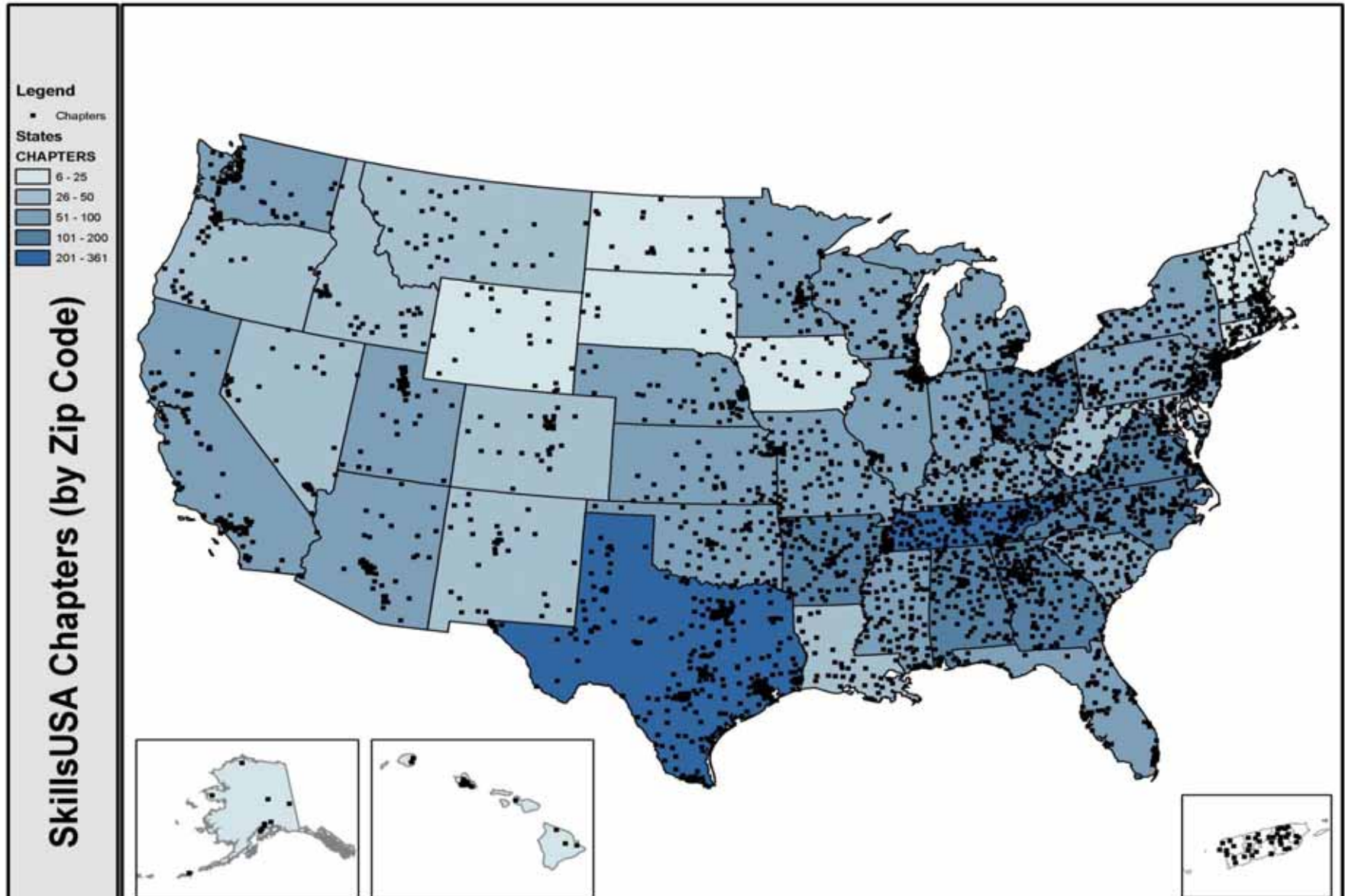
245,929

**FY2009**

302,767



# Never forget the scope of our work



# Change in Washington



**President Barack Obama**



**Arne Duncan**



**Hilda Solis**

# Economic stimulus proposal



## **Obama: Time to build the 21st century economy**

Jan. 8: Saying "no doubt that the cost of this plan will be considerable," President-elect Barack Obama pushes for quick passage of a stimulus bill to prevent further damage to the U.S. economy. MSNBC

To give our children the chance to live out their dreams in a world that's never been more competitive, we will equip tens of thousands of schools, community colleges and public universities with 21st-century classrooms, labs and libraries. We'll provide new computers, new technology and new training for teachers so that students in Chicago and Boston can compete with children in Beijing for the high-tech, high-wage jobs of the future.

**To build an economy that can lead this future, we will begin to rebuild America. Yes, we'll put people to work repairing crumbling roads, bridges and schools by eliminating the backlog of well-planned, worthy and needed infrastructure projects, but we'll also do more to retrofit America for a global economy.**

That means updating the way we get our electricity, by starting to build a new smart grid that will save us money, protect our power sources from blackout or attack, and deliver clean, alternative forms of energy to every corner of our nation. It means expanding broadband lines across America so that a small business in a rural town can connect and

# Proposed economic stimulus package

- “The jobs we create will be in businesses large and small across a wide range of industries. And, they’ll be the kinds of jobs that don’t just put people to work in the short term, but position our economy to lead the world in the long term.”
- “90 percent of the jobs produced would be in the private sector, including hundreds of thousands in construction and manufacturing.”

President-Elect Obama quotes from weekly radio address January 09



# Job creation estimates by sector

## Job Creation of Recovery Package by Industry Industry Jobs Created in 2010Q4

Construction	678,000
Wholesale Trade	158,000
Retail Trade	604,000
Information	50,000
Financial Activities	214,000
Professional and Business Services	345,000
Education and Health Services	240,000
Leisure and Hospitality	499,000
Other Services	99,000
Mining	26,000
Utilities	11,000
Transportation and Warehousing	98,000
Government – Total	244,000
<b>Total</b>	<b>3,675,000</b>

*Source: The Job Impact of The American Recovery and Reinvestment Plan. January 10, 2009  
Christina Romer, Chair Nominee Designate, Council of Economic Advisors  
Jared Bernstein, Office of the Vice President-Elect*

# But we never forget the inspiration



# National & State Skills Conference Growth



# SkillsUSA Championships Growth



# Government Relations

## U.S. Department of Education



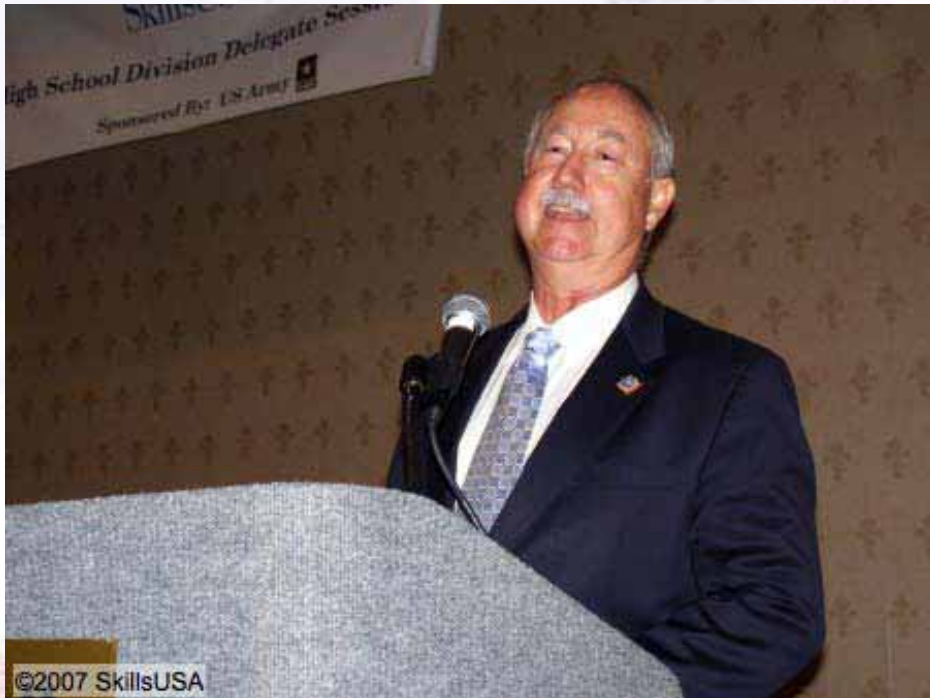
# Government Relations

## U.S. Department of Labor



# Government Relations

## U.S. Department of Agriculture



# Strategic Alliances

- AACC
- ACTE
- ASE/NATEF
- AYES
- Career Safe
- Federal OSHA
- NAM
- NASDCTEc
- NASSP
- NOCTI
- NTHS
- Numerous Trade and Professional Associations
- Job Corps
- NACTE



# U.S. Congress



# So, how are we doing in 2009?



# A Great Year for PR



## Constructive Donation

The SkillsUSA-Lewis's Charitable and Educational Foundation awarded a \$10,000 grant to Chantilly Academy to purchase new toolboxes, tools and some machinery for the school's construction technology program.

With the help of a \$10,000 grant, Chantilly Academy was able to purchase new toolboxes to be used by construction technology students.



Photos by Robert Henson/Chantilly News



Chantilly Academy alumni Marshall Cunningham, Luis Carroll and support assistant Ann Booker help put together new toolboxes for use by students in the construction technology program. Students will be able to checkout the newly acquired kits for use during the school year.

# Peyton Sellers



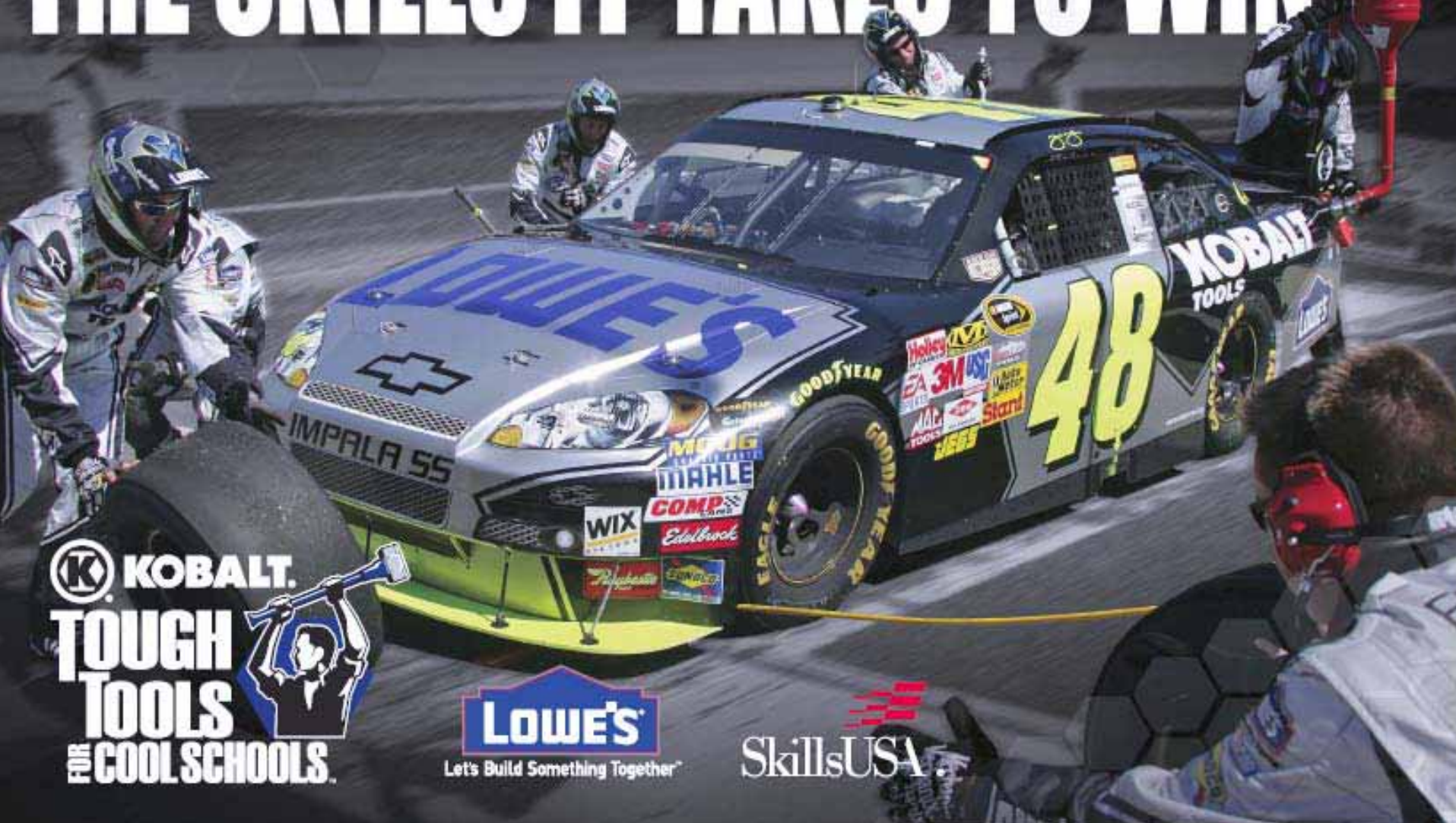
# SkillsUSA NASCAR Recognition



WHITE LINE DOES NOT PRINT



# THE SKILLS IT TAKES TO WIN



**KOBALT.**  
**TOUGH**  
**TOOLS**  
**FOR COOL SCHOOLS.**

**LOWE'S**  
Let's Build Something Together™

**SkillsUSA**

**SkillsUSA**

# Other Breaking News from Sponsors

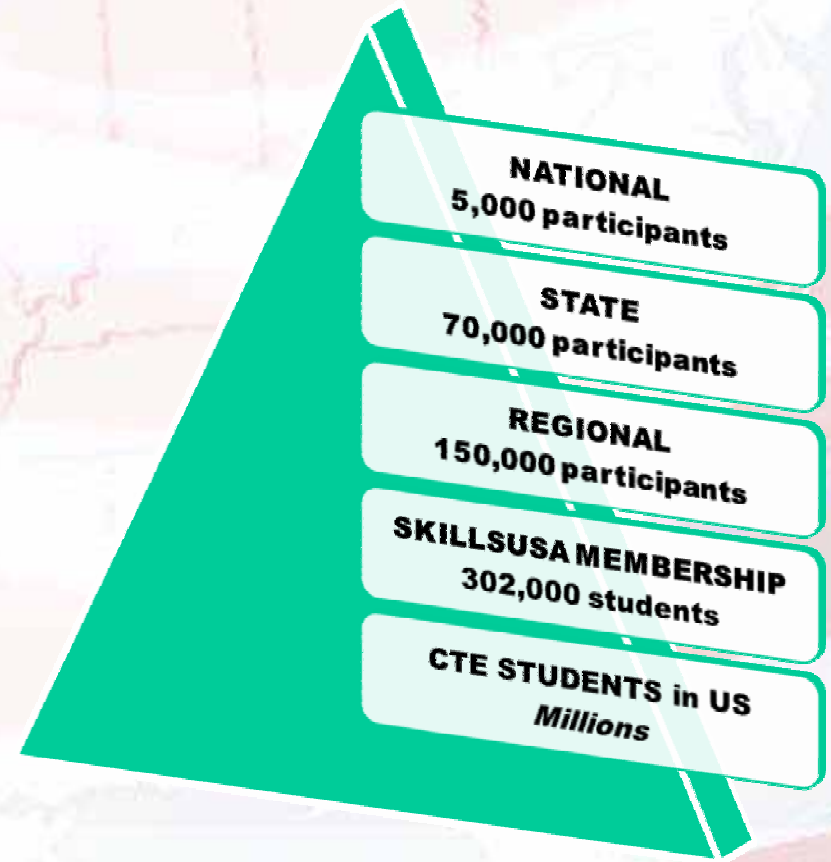
- Community Grants Announced
- Travel Scholarships for:
  - President's Volunteer Service Award
  - National Pin Design Winner
  - National T-Shirt Design Winner
  - New **Sustainability** Competition



Let's Build Something Together



# Leveraging our network



# Back to Your Future...

- It begins right here, right now!
- Today is an opportunity.

# Skills Shortage

**National Association of Manufacturers (NAM)  
survey reported:**

- **Nine in ten manufacturers experience a shortage of qualified workers**
- **63% say employees lack basic job skills such as arriving on time and staying at work all day**

# Skills Shortage

The National Federation of Independent Business cited “the shortage of skilled, trained workers” as the number one problem of their members.

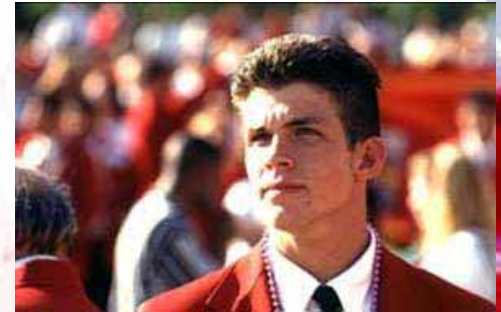
# **A Seller's Market for People with Skills**

**There has never been a better time to be a student with technical skills in America.**



# Your time is NOW

- Seize the opportunity!
- This is YOUR time.



# Do you have a career pathway in mind?

- Do you have passion for it?
- Is it a part of your educational plan?
- Does it connect you to college and a career?



# You are IN DEMAND

- With the need to train for 4 million new jobs in the majority of the sectors included in our occupational training programs
- CTE and SkillsUSA are in demand!



# There's a proverb...

**“To do good work, one must first have good tools.”**



# Success comes with practice...

- **Communication**



# What other tools will you need?



# Tools for Career Success

- Knowledge
- Judgment
- Dependability
- Tact
- Enthusiasm
- Solid Work and Personal Ethics



# Helping develop the total package

Employers say there are three essential skill sets:

*(Specific)*  
Hands-on

**CAREER**

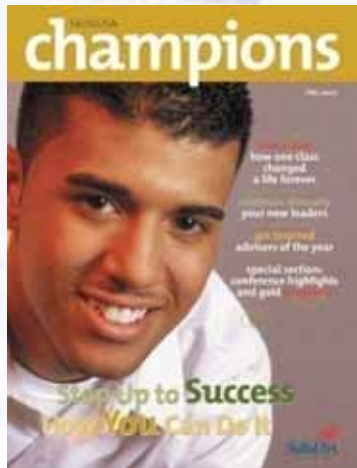
Employability

*(Core)*

Academic

# Our new brand is YOU

## The Faces of Champions at Work



# Champion. . .

## **Who is a champion”?**

“One that is clearly superior or has the attributes of a winner.”

## **What does it mean “to champion”?**

“To fight for, defend or support.”

# Champions *at Work*

We in Career and  
Technical Education  
are doers.

Champions for community, for  
school and for work.

Each of us, working, day after  
day to win, stand up for  
what's right, produce and  
accomplish

A large advertisement for SkillsUSA. It features a central image of a smiling young man in a red t-shirt. Surrounding him are several smaller inset photos of diverse students. Overlaid on the image are the words "educated", "prepared", "connected", "involved", "skilled", "respected", and "motivated" in a stylized font. The SkillsUSA logo is in the bottom right corner, and a "Join Today!" banner is at the very bottom.

**SkillsUSA:  
Champions  
at Work**

educated  
prepared  
connected  
involved  
skilled  
respected  
motivated

**SkillsUSA**  
Champions *at Work*

**Join Today!** SkillsUSA is a national professional organization for students enrolled in career and technical education. For more information on SkillsUSA, ask your technical education instructor or visit our Web site: [www.skillsusa.org](http://www.skillsusa.org)

Looking for more research provided by  
**STANLEY**

# The work of champions

Some may believe the only champion is the person who “wins the gold medal”

**We know a champion:**

- Works to succeed every day
- Has vision
- Learns
- Adapts, and
- Stands on principle



**Begin with the end in mind...**



# 4000 SkillsUSA Students Surveyed

The Question: "What is the job of the future that can change the WORLD?"

3. President of the United States
2. **Engineer**
1. **TEACHER**

# And, very importantly...

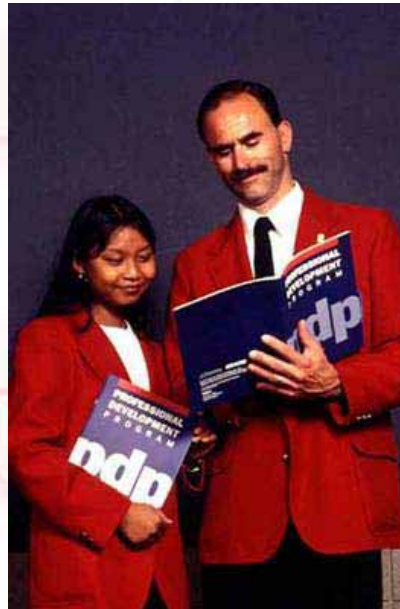
## Your Teacher and Advisor

- Those who brought you here
- Your personal champion
- One who stands up for you



# Advisors, you are preparing America's future

## Thank you for your support and inspiration



# Can you win in SkillsUSA?



# **TEAMUSA-World Skills Competition**

Numazu, Japan    November 14-21, 2007



# The Countries...



# **TEAMUSA-World Skills Competition**

Calgary, Alberta Canada Aug 26 – Sept 7, 2009



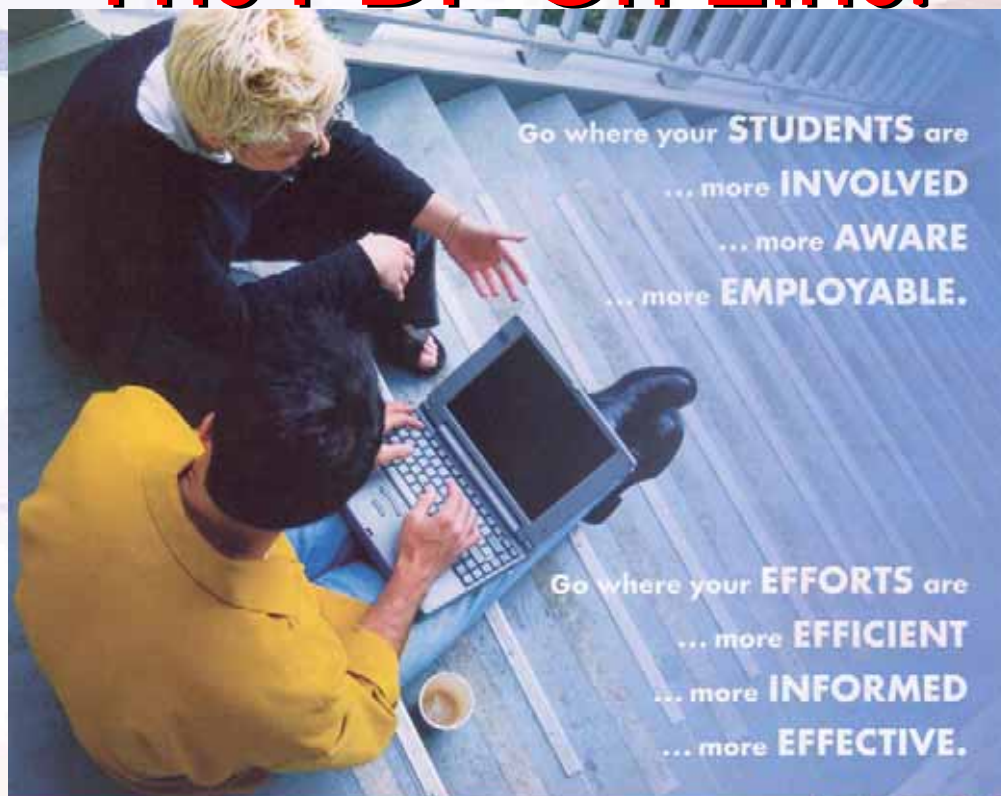
**Hayden LeJeune**



# *SkillsUSA offers:*

- Curriculum materials to help you integrate professional training into your current program
  - Professional Development Program Online
  - Chapter Standards recognition opportunities
  - Student2Student mentoring
  - Online Safety training
  - \$1 million in scholarships available through the SkillsUSA Championships

# The PDP On Line:



Go where your **STUDENTS** are  
... more **INVOLVED**  
... more **AWARE**  
... more **EMPLOYABLE.**

Go where your **EFFORTS** are  
... more **EFFICIENT**  
... more **INFORMED**  
... more **EFFECTIVE.**

## Go ONLINE.

**PDP ONLINE.**  
Professional Development Program.

**FOR YOUR STUDENTS,** an exciting new way to connect with their careers, their community, their future. A fun way to see for themselves the directions their lives can take ... and a straightforward way to take the first practical steps toward reaching their goals.

**FOR YOU,** a highly efficient way to review and respond directly to student efforts and to track student progress. A customizable way to integrate powerful online resources with your own curriculum and goals. A flexible way to help your students build the career-enhancement skills they'll need to succeed.

## PDP ONLINE

Go where  
learning  
gets **REAL.**



# *SkillsUSA offers:*

- Curriculum materials to help you integrate employability skills into your current program
  - New College CSEP employability skills Career Skills Education Program (College)
  - CareerSafe
  - Community Service
  - Chapter Activities: *Professional development Employment, Social activities, Community service, Ways and means, Public relations, SkillsUSA Championships*

# >CareerSafe<

How can  
you save  
a life?

## >CareerSafe®



### FACT

One youth dies every five days  
in a work-related incident.

### FACT

200,000 youth are injured each  
year on the job; 77,000 of them  
require hospitalization or  
emergency room treatment.

### FACT

Youth workers aged 16 to 24 are  
at the highest risk for injury. Their  
injury rate is double, and  
sometimes triple, that of any  
other age category.

### FACT

You can make a difference.

StartSafe.

StaySafe.

CareerSafe.

## >CareerSafe

Safety. Confidence. Employability.

Youth Safety Awareness Training at [www.CareerSafeOnline.com](http://www.CareerSafeOnline.com)

The CareerSafe Online Course is the first of its kind. It is recognized by the Occupational Safety and Health Administration (OSHA) as a 10-hour youth safety awareness program. It is a web-based, interactive, Y2Y (Youth-to-Youth) program that addresses the high priority safety training needs of young workers. The CareerSafe Online Course consists of 10 interactive modules covering the common safety concerns in the workplace, with a simple assessment at the end of each lesson.

Upon successful completion of the CareerSafe Online Course, students:

- Develop a safety mindset and learn valuable skills for their future.
- Receive a wallet card from the OSHA Education Center at TEEEX that demonstrates to employers they have received the basic safety training needed in the workplace.
- Become more employable, gaining a competitive advantage in the job market.

### The Modules

- Start Safe, Stay Safe. (A Safety Philosophy)
- Preventing Falls
- Personal Protective Equipment (PPE)
- Bloodborne Pathogens
- Electrical Safety
- Machine Guarding
- Hazard Communication
- Ergonomics
- Preventing Workplace Violence
- Emergency Action

### Cost

\$12 per student

A \$1 donation is made to the SkillsUSA Youth Development Foundation for every student that completes the program.



Visit [www.CareerSafeOnline.com](http://www.CareerSafeOnline.com) for more information

# SkillsUSA helps you:

- Organize business and education partnerships
  - Over 1,500 corporations, trade associations and unions are affiliated with SkillsUSA at the national level
  - Partnerships can mean program funding
  - Partnerships keep you up to date
  - Local programs benefit

# SkillsUSA Championships

- Over \$30 million in volunteer time and equipment
- Over 2,000 volunteers
- 92 contests
- 5,250 contestants
- 15,000 people attending

# SkillsUSA Championships National Medalist

Medalist	Event	Name	Hometown
Gold	Electronics Technology	Hayden LeJeune	Port Barre High School Advisor Wayne Fruge'
Gold	Advertising Design	Brittany Barrett	Caddo Career Center Advisor Kevin Ypya
Gold	Medical Math	Crystal Simmons	Bossier Parish Technical School - Advisor Barbara Wortman

# SkillsUSA Membership

## High School

- *Alfred Bonnable High School*
- *Bossier Technical School*
- *Caddo Career Center*
- *College Street T & I*
- *Cuillier Career Center*
- *DeQuincy High School*
- *Ducthtown High School*
- *Grace King High School*
- *Lake Charles-Boston Academy of Learning*
- *North Caddo High School*
- *Port Barre High School*
- *Shreveport Job Corps Center*
- *Terrebonne Vo-Tech High School*
- *W.D. Smith Career Center*

# Why SkillsUSA?

## For the student:

- Gains self-esteem
- Becomes a responsible citizen
- Receives opportunities or jobs and contacts
- Receives cutting-edge training
- Is able to compete
- Enjoys fun, travel, and excitement
- Builds peer support network
- Learns to be a professional worker

# Why SkillsUSA?

## **For the teacher:**

- Enrollment and Retention
- Cutting-edge training
- Professional curriculum
- Respect
- Student success
- Student pride
- SCANS standards

# SkillsUSA as the tool for success

- SkillsUSA is a partnership of students, teachers and industry
- Working together to ensure that America
- Has a skilled work force
- We help each student excel

SkillsUSA quite literally works to help students become ***connected*** to a ***CAREER PATH.***

Partnerships with education mean students have professional staff advisors who are committed to students professional development through leadership activities that help students feel **motivated** as they become **educated.**



SkillsUSA programs are designed to help students get excited about learning as they develop new skills.

Our business and industry alliances help connect students with those already working in students occupation.



Involvement in employability skills training such as our Professional Development Program helps students become better **skilled and prepared.**

Completing these programs gives students solid credentials that are *respected* in the workplace.



A quality SkillsUSA chapter creates an atmosphere where all members can feel *involved* in decisions and events that affect the campus and community.



SkillsUSA.



# SkillsUSA

- Is a partnership of students, teachers and industry working together to ensure America has a skilled workforce.
- **SkillsUSA's mission** is to help its members become world-class workers and responsible American citizens.

*SkillsUSA Louisiana  
Leadership Team  
2009 Opening  
Session Kemper  
Arena - KC*





SkillsUSA

LOUISIANA



Thank You!

