



NAWI

***National Association
For Workforce Improvement***



Westin Hotel
Oklahoma City, OK
April 10, 11, & 12, 2003

**38th
Annual
National
Conference**



***Leading Change
in Career and Technical
Education***

Agenda



WEDNESDAY, April 9, 2003

4:00 p.m. **NAWI Board Meeting** Executive Board Room
Doug Webster, NAWI President



THURSDAY, April 10, 2003

7:45 a.m. **Continental Breakfast – Registration** Ballroom Foyer

8:30 a.m. **General Session I** 20th Century Ballroom

Welcome

*Robin Schott, Oklahoma School-to-Work Coordinator,
Oklahoma Department of Career and Technology Education,
NAWI Conference Planning Committee*

Conference Overview

*Peggy Watson, Administrative Coordinator, Virginia CTE
Resource Center, NAWI Conference Planning Committee*

**“Doing Career-Technical Education at the Speed of Change:
What Every Career-Technical Educator Should Know and
Be Able To Do”**

*Joanna Kister, Consultant, Education & Workforce Develop-
ment
Facilitator: Fran Beauman*

9:45 a.m. **Break**

10:00 a.m. **Where Will We Find the New CTE Leaders?**

*Sandra Dunkel, Division Administrator for Career Develop-
ment, Illinois State Board of Education, Panel Moderator*

PANEL MEMBERS

*John McDonagh, Executive Director, Massachusetts Center
for Career and Technical Education*

*Joanna Kister, Consultant, Education and Workforce Develop-
ment*

Facilitator: Mike French

11:00 a.m. **Break**

11:15 a.m.

Breakout Sessions I

Something for Everyone: Hawaii’s

Career Pathways System 18th Century Ballroom
*Barbara White, Associate Director, Office of the State
Director for Career and Technical Education, Hawaii
Facilitator: Peggy Watson*

Interested Students Achieve More

19th Century Ballroom
*John Williams, Consultant, EdConnect
Facilitator: Amy McCaskill*

12:15 p.m.

Lunch Pavilion (1st floor)

1:15 p.m.

General Session II 20th Century Ballroom

“Run You Mother Run: Taking the Challenging Road to Leadership”

*Ann Benson/OK
Facilitator: Robin Schott*

2:15 p.m.

What’s New in Assessment

*Frances Beauman, Project Director for Transportation,
Distribution and Logistics Career Cluster, Panel Moderator*

PANEL MEMBERS

*Brenda C. Hattaway, Assistant Executive Director, VTECS
Sandra G. Pritz, Senior Consultant, National Occupational
Competency Testing Institute
Phillip R. Harrington, President, National Career Assessment
Services, Inc.
Facilitator: Doug Webster*

3:15 p.m.

Break

3:30 p.m.

Breakout Sessions II

Innovations in Career-Tech Assessment ... 18th Century Ballroom

*Sandra G. Pritz, Senior Consultant, National
Occupational Competency Testing Institute
Facilitator: Amy McCaskill*

Oklahoma’s Performance Driven Outcomes System for Tech Prep: What Really Matters

19th Century Ballroom
*Vic Woods, State Tech Prep Coordinator, Oklahoma Department of Career and Technology Education
Facilitator: Peggy Watson*

Taste of Technology: Providing Students with a Recipe and Key Ingredients for Success

20th Century Ballroom
*Susan Wynn, Tech Prep Director, Kankakee Community College, Illinois
Facilitator: Les Snyder*

5:30 p.m.

President's Reception Green Country Room

Sponsored by

Career Communications

National Career Assessment Services, Inc.

V-TECS



FRIDAY, April 11, 2003

7:30 a.m.

Continental Breakfast – Registration Ballroom Foyer

8:30 a.m.

General Session III 20th Century Ballroom

“Legislative Update/Career Clusters News”

Kim Green, *National Association of State Directors of Career Technical Education Consortium*

Pam Stacey, *Career Clusters Initiative*

Facilitator: Doug Webster

9:45 a.m.

Break

10:00 a.m.

Breakout Sessions III

Career Clusters: Leading Change with New Ideas for Teaching and Learning 18th Century Ballroom

Frances Beauman, *Project Director for Transportation, Distribution, and Logistics Career Cluster*

Robert Daiber, *Director of Career and Technical Education, Triad High School, Troy, Illinois*

Facilitator: John McDonagh

Exploring New Career Opportunities in the Law, Public Safety, and Security Cluster 19th Century Ballroom

Sally Arrington, *School-to-Work/Tech Prep Coordinator, Great Plains Technology Center, Oklahoma*

Shelby Kervin, *Professor, Criminal Justice Department, Cameron University, Oklahoma*

Don Barrington, *Fire Chief (retired), Co-Chair, Law, Public Safety, and Security Committee, Lawton, Oklahoma*

Facilitator: Barbara White

Vision 2020—Building a Seamless Educational System for the Agriculture, Food, and Natural Resources Industry 20th Century Ballroom

Curtis Shumaker, *Coordinator, Oklahoma Department of Career and Technology Education*

Dale Wendt, *Technical Agriculture Instructor, Blue Mountain Community College, Pendleton, Oregon*

Facilitator: Sandy Dunkel

11:00 a.m.

Break

11:15 a.m.

Breakout Sessions IV

Learning From the Workplace—Teaching for the Real World 18th Century Ballroom
Susan Pratt, Tech Prep Coordinator, Tulsa Tech Prep Consortium/Tulsa Technology Center, Oklahoma
Diann Dodd, Teacher Intern and Worksite Learning Class Instructor, Catoosa High School, Catoosa, Oklahoma
Facilitator: John McDonagh

Technology 20/20: Building Successful Business/Industry Partnerships 19th Century Ballroom
Mitchell Ober, Teacher/Coordinator, Technology 20/20 Program, Tulsa Public Schools, Webster High School, Tulsa, Oklahoma
Jeanie Newell, Career Guidance Specialist, Tulsa Public Schools, Tulsa, Oklahoma
Dale Edwards, Assistant Principal, Webster High School, Tulsa Public Schools, Tulsa, Oklahoma
Facilitator: Mike French

12:15 p.m.

Lunch Pavilion (1st floor)

1:30 p.m.

Business Tours

Choose one of three tours in **Health, Air Logistics, and Manufacturing**. Sign up at registration desk.

❖ **Integris Health**, Oklahoma’s largest not-for-profit health care organization, has been a state leader in partnering with education to produce a highly trained and qualified health care workforce.

This tour will be limited to the first 25 participants. Sign-up sheets and tour tickets provided at the conference registration table.

❖ The **Oklahoma City Air Logistics Center** located at Tinker Air Force Base is the largest single-site employer in the state of Oklahoma.

This tour will be limited to the first 35 participants. Sign-up sheets and tour tickets provided at conference registration table.

❖ **Pro-Fab** is a leader in high-speed, ultra-precise machining, manufacturing, and processing for the global aerospace and defense industry.

This tour will be limited to the first 25 participants. Sign-up sheets and tour tickets provided at the conference registration table.

5:00 p.m.

Return to Hotel



SATURDAY, April 12, 2003

- 8:30 a.m. **General Session IV** 20th Century Ballroom
Full Breakfast
- 9:00 a.m. **Information Swap**
Participants will have an opportunity to share promising practices.
Facilitator: Amy McCaskill
- 9:45 a.m. **Break**
- 10:00 a.m. **NAWI Business Meeting** 20th Century Ballroom
All NAWI members/conference participants are welcome to participate.
- 11:00 a.m. **Adjourn**

Presentation Descriptions



THURSDAY, April 10, 2003

8:30 a.m. **General Session I** 20th Century Ballroom

**Doing Career-Technical Education at the Speed of Change:
What Every Career-Technical Educator Should Know and Be Able to Do**
Joanna Kister, Consultant, Education & Workforce Development

Dr. Kister will provide an overview of research data, issues, and best practices that should inform your work as Career-Technical Education leaders.

Given changes in the workplace and the educational sector, the following seven actions will be discussed:

- Action 1 *Position CTE central to school improvement and workforce development.*
- Action 2 *Optimize program design.*
- Action 3 *Strengthen instruction for technical literacy.*
- Action 4 *Use technical assessments for accountability and program improvement.*
- Action 5 *Focus on quality teaching through professional development.*
- Action 6 *Develop instructional leaders to lead change in CTE.*
- Action 7 *Advocate for CTE policy and programs.*

Where Will We Find the New CTE Leaders?

Sandra Dunkel, Division Administrator for Career Development, Illinois State Board of Education, Panel Moderator

PANEL MEMBERS

John McDonagh, Executive Director, Massachusetts Center for Career and Technical Education

Joanna Kister, Consultant, Education and Workforce Development

Sandra Dunkel, Division Administrator for Career Development, Illinois State Board of Education

Within five years, more than 50 percent of our current CTE leaders and administrators will retire. Find out how four states are identifying, recruiting, and preparing new leaders within CTE to fill this void. Hear what these states have done to implement administrative leadership institutes to meet this challenge. Learn more about the State Director's position on State Leadership for Career and Technical Education—the Role and Nature of State Leadership and Developing Leaders.

11:15 a.m. **Breakout Sessions I**

Something for Everyone: Hawaii's Career Pathways System 18th Century Ballroom
Barbara White, Associate Director, Office of the State Director for Career and Technical Education, Hawaii

Implementing Career Pathways K–20 is a challenge whether your state has one school district and one postsecondary system, as in Hawaii, or whether you have many school districts and postsecondary systems. In this session, you will learn how Hawaii's Department of Education and the University of Hawaii are working together to develop a fully integrated and articulated Career Pathways System. Marketing materials and Career Pathways resources will be shared in the presentation as their role in building the system is explained.

Interested Students Achieve More 19th Century Ballroom
John Williams, Consultant, EdConnect

Because of the need for increased student achievement in all areas of education, we must not forget that students who are not motivated will not achieve. This presentation describes how interest-based education, as implemented in Michigan, has resulted in a positive trend in

student achievement factors such as grades, test results, attendance, and completion rates, as well as a significant increase in enrollment in CTE programs, contrary to the national trend.

The term "interest-based education" is another descriptor for Michigan's Career Preparation/ Pathways system because the initiative truly wraps the curriculum and activities around the interests of the students, thus providing a higher level of motivation and enthusiasm. This initiative is for ALL K-14 students. Using Career Pathways as the organizing principle for instruction results in increased attendance, achievement, test scores, and CTE enrollment and decreased behavioral problems.

1:15 p.m. **General Session II** 20th Century Ballroom

What's New in Assessment

Frances Beauman, *Project Director for Transportation, Distribution, and Logistics Career Cluster, Panel Moderator*

PANEL MEMBERS

Brenda C. Hattaway, *Assistant Executive Director, VTECS*

Sandra G. Pritz, *Senior Consultant, National Occupational Competency Testing Institute*

Phillip R. Harrington, *President, National Career Assessment Services, Inc.*

The name of the game is accountability. Find out what is new in assessment to help local education agencies, community colleges, and states with accountability and program-quality issues. Brenda Hattaway will discuss the pilot testing of cross cluster skills, and Phillip Harrington will discuss new areas of career assessment. Dr. Sandra Pritz will address the role of external standardized assessments in career-technical education and new directions for the NOCTI state consortium, including development of a new workplace readiness test, the health sciences cluster assessment, use of technology in testing, and academic correlation.

3:30 p.m. **Breakout Sessions II**

Innovations in Career-Tech Assessment 18th Century Ballroom

Sandra G. Pritz, *Senior Consultant, National Occupational Competency Testing Institute*

Educators in both schools and the workplace face challenges and opportunities related to assessment. Career-technical, academic, and workplace readiness standards all require decisions and selection. Can assessment innovations help you? A variety of different perspectives will be presented to process questions about assessment criteria, student benefits, data-driven instructional improvement, and technology assistance for assessment.

Attendees will learn possible responses to the following questions:

- What should I look for in assessments and what criteria should I use?
- How can I meet multiple accountability requirements simultaneously?
- How can I ensure that assessments benefit my students?
- How can I use data as an opportunity to improve instruction?
- How can technology help me meet the challenges?

Each of the following topics will be addressed from the perspectives of career-technical standards, academic standards, and workplace readiness standards:

- Criteria for selection of assessments
- Multiple accountability requirements
- Assessment for student benefit
- Data-driven instructional improvement
- Technology assistance for career-technical assessment

Oklahoma's Performance-Driven Outcomes System for Tech Prep: What Really Matters 19th Century Ballroom

Vic Woods, *State Tech Prep Coordinator, Oklahoma Department of Career and Technology Education*

Come learn and share how to transition from a document-driven system ("that's nice information") to a data-supported, performance-driven system ("what really matters") that sets specific, measurable outcomes for programs and students in Technical Preparation. Discover how eight program-outcome domains and nine student-outcome domains can provide the performance measures necessary to validate student success and support Technical Preparation as a leader in educational improvement.

The session will provide detailed and relevant performance measures for program and student outcomes that are essential in meeting Technical Preparation objectives on a state and national level. Vic Woods will focus on four areas of interest: building a performance-driven system supported by data, interactive Web-based data collection system, assessment of statewide performance measures, and communicating performance outcomes to strengthen partnerships and student success.

Taste of Technology: Providing Students with a Recipe and Key Ingredients

for Success 20th Century Ballroom
Susan Wynn, Tech Prep Director, Kankakee Community College, Illinois

The *Taste of Technology* is an annual event sponsored by the Kankakee-Iroquois River Valley Tech Prep Consortium and held on the Kankakee Community College campus.

This session will provide a flavor of *Taste of Technology*, a hands-on experience designed to stimulate the appetite of high school students by providing information on careers and technical programs at the community college. From a buffet of entrees, students choose two career sessions. Students "taste" college classes, with instructors and current college students providing hands-on assistance with mini-labs. Information is spiced with resources on counseling, financial aid, job shadowing, and articulation.



FRIDAY, April 11, 2003

8:30 a.m. General Session III 20th Century Ballroom

Legislative Update/Career Clusters News

Kim Green, National Association of State Directors of Career Technical Education Consortium
Pam Stacey, Career Clusters Initiative

What's the latest news from Washington? How's Perkins legislation holding up? What's next on the political horizon? How does federal news translate at the state level? How is the Bush administration viewing the Career Cluster initiative? This session will provide information on all of these hot topics.

10:00 a.m. Breakout Sessions III

Career Clusters: Leading Change with New Ideas for Teaching and Learning

18th Century Ballroom

Frances Beauman, Project Director for Transportation, Distribution, and Logistics Career Cluster
Robert Daiber, Director of Career and Technical Education, Triad High School, Troy, Illinois

The workplace is changing every day, and education must be up to the challenge of changing with it. Career Clusters prepare students for the information age as schools strive for higher achievement in math, science, and communications. One key to improving student achievement is providing students with relevant contexts for learning. Career Clusters offer a context for learning by linking what students learn in school with real business problems.

Dr. Beauman will provide a brief overview of career clusters, and a Career Cluster pilot site coordinator will describe how real business-based problem scenarios have been used to improve student achievement. Participants will have an opportunity to interact with the pilot site teacher and discuss implementation strategies. Participants will receive sample copies of the problem-based scenarios developed by the Transportation, Distribution, and Logistics pilot sites, which they can adapt for their classrooms.

Exploring New Career Opportunities in the Law, Public Safety, and Security Cluster 19th Century Ballroom
Sally Arrington, School-to-Work/Tech Prep Coordinator, Great Plains Technology Center, Oklahoma
Shelby Kervin, Professor, Criminal Justice Department, Cameron University, Oklahoma
Don Barrington, Fire Chief (retired), Co-Chair, Law, Public Safety, and Security Committee, Lawton, Oklahoma

This session will include a broad overview of the implementation of a Law, Public Safety, and Security Career Cluster. Presenters will share strategies for developing and implementing three different pathways within the cluster: Law Enforcement, Firefighting Technology/ Emergency Medical Technology, and Legal Services. This team will also share planned next steps, such as a summer law enforcement academy for high school and college students, as well as various types of in-service options.

Vision 2020—Building a Seamless Educational System for the Agriculture, Food, and Natural Resources Industry 20th Century Ballroom
Curtis Shumaker, Coordinator, Oklahoma Department of Career and Technology Education
Dale Wendt, Technical Agriculture Instructor, Blue Mountain Community College, Pendleton, Oregon

AgrKnowledge, the National Center for Agriscience and Technology Education, has the objective of enhancing science, math, and technology education at community colleges across the nation. They have adopted a vision statement, entitled “Vision 2020” with the purpose of

1. creating strong partnerships
2. easing student transitions
3. improving academic performance
4. generating interest in agriculture, food and natural resources careers
5. creating clear education and career paths for students.

11:15 a.m. Breakout Sessions IV

Learning From the Workplace—Teaching for the Real World 18th Century Ballroom
Susan Pratt, Tech Prep Coordinator, Tulsa Tech Prep Consortium/Tulsa Technology Center, Oklahoma
Diann Dodd, Teacher Intern and Worksite Learning Class Instructor, Catoosa High School, Catoosa, Oklahoma

Teachers become learners and employers become teachers for two weeks in the summer. Together they bring a new perspective to the classroom, and the benefits add up to better prepared students entering the workforce. The most fatigued teachers in June can report to school at the start of the next year rejuvenated, refreshed, and ready to implement the contextual lesson plans they developed from their experiences.

Included in the presentation are results of a follow-up survey of teachers one to four years later. This describes the impact the internship had on the participants and its residual effect on students. The impact on businesses involved is also covered with input from business mentors. Handouts include examples of teacher lesson plans written following the internship experience, as well as samples of documents used in planning and implementation of the internships.

Technology 20/20: Building Successful Business/Industry Partnerships 19th Century Ballroom
Mitchell Ober, Teacher/Coordinator, Technology 20/20 Program, Tulsa Public Schools, Webster High School, Tulsa, Oklahoma
Jeanie Newell, Career Guidance Specialist, Tulsa Public Schools, Tulsa, Oklahoma
Dale Edwards, Assistant Principal, Webster High School, Tulsa Public Schools, Tulsa, Oklahoma

Tulsa’s Webster High School has been recognized by the SBC Foundation and the National Association of Partners in Education as a Merit Award Winner. The association recognizes outstanding partnerships that integrate telecommunications into the classroom. This session will focus on ways to build successful partnerships, incorporating industry-based standards and projects into the classroom. Attendees will be provided with IT career tracks, examples of articulation agreements, samples of industry-based certification, industry-driven projects and suggestions for an active advisory board.

Choose one of three tours in **Health, Air Logistics, and Manufacturing.**

- ❖ **Integris Health**, Oklahoma's largest not-for-profit health care organization, has been a state leader in partnering with education to produce a highly trained and qualified health care workforce. As partners in the development and implementation of the state's first Health Career Cluster at Putnam City High School, Integris set a standard that other hospitals have replicated. This tour will include on-site conversations with health care professionals who have opened their doors to Oklahoma students for tours, job-shadowing, and mentorships. Staff will also share the strategies they implemented to include high school seniors in the organ donation and transplant programs.

This tour will also travel to one of Oklahoma's premier technology centers, the Francis Tuttle Center, and will highlight the strong partnership that Integris shares with their health care programs. Through this partnership, they have developed initiatives to address the critical shortage of nurses and respiratory therapists in the Oklahoma City metro area.

- ❖ The **Oklahoma City Air Logistics Center**, located at Tinker Air Force Base, is the largest single-site employer in the state of Oklahoma. This tour will highlight a diverse and unique air and space business entity, which manages and maintains a variety of aircraft, engines, and commodities. The center's facility houses some of the more sophisticated technical repair and manufacturing processes in the world. This facility acquires and maintains some of the world's better aviation systems in partnership with their customers and suppliers. They seek continuous improvement and to be the first choice for acquisition and logistic support.

The center will also share their challenge resulting from the fact that during the next seven years, 46 percent of the workers at the base will be eligible for retirement. Current strategies to meet that challenge include partnering with technology centers and colleges/universities to solve this impending worker shortage.

- ❖ **Pro-Fab** is a leader in high-speed, ultra-precise machining, manufacturing, and processing for the global aerospace and defense industry. Their state-of-the-art facility is equipped and staffed to produce complex components and assemblies. Pro-Fab is the premier machining and manufacturing facility in the industry. They are globally recognized for high quality, reasonable costs, and superior customer service. Their facility houses a high performance workforce and cutting-edge technology.

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Welcome to the National Association for Workforce Improvement. NAWI promotes the exchange of ideas and acquaints its members with significant developments and trends in workforce education program improvement.

Membership in NAWI provides opportunities to

- share information with program innovators on the cutting edge of workforce education program improvement
- use firsthand information from leaders of exemplary projects
- gain insight into workforce education program innovations
- develop a network of colleagues engaged in workforce education program improvement
- be involved in preparing national agenda for workforce education program improvement
- participate in conferences featuring national leaders in workforce education program improvements.

For more information on NAWI in your area, contact the Regional Representative indicated above