

**RICHARD A. WALTER**

**ADDRESS:**

Workforce Education and Development  
The Pennsylvania State University  
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**EDUCATION:**

The Pennsylvania State University, University Park, PA., Ph.D.  
Vocational-Industrial Education (December, 1984)

Bucknell University, Lewisburg, PA., MS.Ed.  
Educational Administration (June, 1980)

The Pennsylvania State University, University Park, PA., B.S.  
Vocational-Industrial Education (June, 1974)

Johnson School of Technology, Scranton, PA.  
Carpentry & Cabinetmaking (June, 1972)

**EMPLOYMENT HISTORY:**

The Pennsylvania State University (August 1993 – Present)  
Program of Workforce Education and Development  
Associate Professor of Education  
Director, Professional Personnel Development Center for Career & Technical Education  
Chair, Undergraduate Certification and Degree Options  
Coordinator, Occupational Competency Assessment Center

State University of New York College at Oswego (January 1985 - July 1993)  
Department of Vocational-Technical Education  
Advisor, Graduate and Undergraduate Students  
Coordinator, Occupational Competency Assessment Program  
Instructor, Graduate Courses  
Regional Coordinator, Off-Campus Programming and Services  
Supervisor, Student Teaching Program

The Pennsylvania State University (June 1981 - December 1984)  
Division of Occupational and Vocational Studies  
Coordinator, Pennsylvania Occupational Competency Assessment Consortium  
Coordinator, Penn State OCA Test Center  
Instructor, Undergraduate Courses  
Chapter Advisor, Vocational Industrial Clubs of America

SUN Area Vocational-Technical School (August 1974 - June 1981)  
Carpentry Instructor  
Chapter Advisor, Vocational Industrial Clubs of America  
Coordinator, Capstone and Diversified Cooperative Education Programs

Carpenter (1965 - 1974)  
Full and part-time employment/contracting in residential and light commercial construction

**AREAS OF TEACHING COMPETENCY:**

Secondary Level Certification

Carpentry, Cooperative Education, Elementary/Secondary Principal, Vocational Director

Undergraduate Courses Taught

Integrated Curriculum Implementation, Assessment Techniques, Cooperative Education Program Planning, Cooperative Education Program Operation, Early Field Experience in Teaching Career and Technical Education, Methods of Instruction, Occupational Analysis, Occupational Work Experience, Program and Facilities Management, Student Teaching, Internship in Industrial Training

Graduate Courses Taught

Advanced Instructional Methods and Evaluation, Research Methods in Vocational Technical Education, Research in Vocational Technical Education, Work-Based Education, Ph.D. Dissertation, Supervised Experience in College Teaching

**PUBLICATIONS:**

*A Clarion Call for the University Council to Serve as a Special Accreditation Agency (SPA) for Higher Education Institutions with Programs in Workforce and Human Resource Education.* Journal of Industrial Teacher Education, Volume 46 (1), (2009). Farmer, I., Walter, R., & Clark, R.

*Certification of Postsecondary Career and Technical Instructors: Issues for Debate.* Journal of Industrial Teacher Education, Volume 45 (3), (2009). Bazile, S., & Walter, R.

*Documenting the Results of The Federal Investment in Secondary Career and Technical Education: The Case for Technical Assessments.* The National Center for Research in Career and Technical Education. (2008)

*Developing an Effective Workforce Through Instructor Training.* Journal of Industrial Teacher Education, Volume 43 (4), 57-68, (2006).

*The Impact of Workplace Learning on the Student Postsecondary Outcomes of Secondary Career and Technical Education Programs in Pennsylvania.* Workforce Education Forum, Volume 34 (1), (2006). Ahn, S., & Walter, R.

*The Influence of Implementing National Institute for Metalworking Skill Standards Upon Secondary-Level Career and Technical Programs in Pennsylvania.* Workforce Education Forum. Volume 32 (2), 1-15, (2005). Augustine, J., & Walter, R.

*A Follow-up Study of Field-Based Teacher Preparation.* International Journal of Vocational Education and Training. Volume 13 (2), 97-108, (2005). Walter, R., & Pellock, C.

*An Investigation of Judge's Behaviors Within a Procedure for Setting Cut Scores for NOCTI Occupational Competency Examinations.* Journal of Industrial Teacher Education, Volume 41 (3), 54-70, (2004).

*A Model for Establishing Workforce Education and Development Programs in Developing Countries.* International Journal of Vocational Education and Training, Volume 12 (2), 106-120. (2004). Farmer, E., Walter, R., & Paryono, P.

*Career Paths of Career and Technical Teacher Education Graduates.* Journal of Industrial Teacher Education, Volume 41 (2), 6-19. (2004). Walter, R. & Pellock, C.

*Critical Practices Necessary to Establish a Student-to-Student Mentoring Program as Defined by Experts and Practitioners.* International Journal of Vocational Education and Training, 12 (1), 91-109, (2004). McNally, K., & Walter, R.

*Development of a Procedure for Establishing Occupational Examination Cut Scores: A NOCTI Example.* Journal of Industrial Teacher Education, 40 (3), 25-45, (2003). Walter, R., & Kapes, J.

*Teacher Preparation/Licensure in Career and Technical Education: A Public Policy Analysis.* Journal of Vocational Education Research, 27 (1), 127-149, (2002). Walter, R., & Gray, K.

*Multiple Pathways to the Goal of Professional Career and Technical Educators.* International Journal of Vocational Education and Training, 10 (1), 85-100, (April, 2002).

*Reforming Career and Technical Education Teacher Licensure and Preparation: A Public Policy Synthesis.* National Dissemination Center for Career and Technical Education. Columbus: The Ohio State University. (September, 2001). Gray, K., & Walter, R.

*Preparing Technical Education Instructors for the United Arab Emirates.* International Journal of Vocational Education and Training, 9 (1), 49-59, (April, 2001).

*Postsecondary Vocational Education*, Chapter in Workforce Education: Issues for a New Century, Pautler, A. (ed), Walter, R., & Farmer, E. (April, 1999).

*Standards of Quality for the Preparation and Certification of Trade and Industrial Education Teachers,* Journal of Industrial Teacher Education, 34, (1), 19-30, (Fall, 1996), Frantz, N.R., Gregson, J., Friedenber, J., Walter, R., & Miller, A.

*The Rationale in Support of the Standards,* Journal of Industrial Teacher Education, 34, (1), 41-66, (Fall, 1996), Frantz, N., Friedenber, J., Gregson, J., & Walter, R.

*The New Teacher,* Vocational Education Journal, 71 (1), 41-42, (January, 1996). Baker, G., & Walter, R.

*The Rebirth of Cooperative Education,* Journal of Industrial Teacher Education, 32, 86-92, (Winter, 1994).

*To Degree or Not to Degree?,* Occupational Education Forum, 22, 22-30, (Fall, 1994).

*The Development of Vocational Education in the United States*, Chapter in Materials and Methods of Instruction in Vocational Education, Prakken Publications, (August, 1993).

*Vocational Teacher Education*, Chapter in Vocational Education in the 1990's: Major Issues, Prakken Publications, (January, 1990). Glenn, J., & Walter, R.

*Improvement Begins Within*, Article in National Association of Industrial and Technical Teacher Educators Monograph No. 2, "Improving Industrial and Technical Teacher Education", (August, 1986)

*Occupational Competency Performance Examiner's Handbook*, Monograph Number 1, Pennsylvania Occupational Competency Assessment Consortium, (June, 1984).

*The Pennsylvania Occupational Competency Assessment Program*, Monograph Number 15, The Pennsylvania Department of Education, (January, 1984).

*The Pennsylvania Occupational Competency Assessment Program*, Monograph Number 14, The Pennsylvania Department of Education, (July, 1983).

*Development of an Occupational Competency Examination*, Monograph, The Pennsylvania Department of Education, (July, 1983).

## **EDITORIAL WORK:**

National Association of Industrial and Technical Teacher Educators: Editor, Journal of Industrial Teacher Education (December 2006 – Present)

National Association of Industrial and Technical Teacher Educators: Associate Editor, Journal of Industrial Teacher Education (December 2004 – 2006)

National Association of Industrial and Technical Teacher Educators: Referee, Journal of Industrial Teacher Education (December 1985 – Present)

Workforce Education Forum, Editor (August 1996 - June 2001)

Association for Career and Technical Education  
Chair, Trade & Industrial Division Publications Committee (1995-98)

Association for Career and Technical Education  
Chair, AVA Editorial & Publications Committee (1997-98)  
Field Editor for the Trade and Industrial Division (1995-98)

*Four Goals for Teaching Success*, Techniques, 73 (2), April, 1998. Kisner, M., Walter, R. (ed).

*Partnerships*, Techniques, 72 (4), (April, 1997), Schreiber, A., Walter, R. (ed).

*Making the Transition*, Vocational Education Journal, 71 (3), 42-43, (March, 1996), Schreiber, A., Walter, R. (ed.).

*Three States Tackle School-to-Work Reform*, Vocational Education Journal, 70 (3), 41-42, (March, 1995), Schreiber, A., Walter, R. (ed.).

#### **FUNDED PROJECTS:**

Professional Personnel Development Center for Career and Technical Education, Pennsylvania Department of Education, \$1,213,393. (2008-09).

Intergovernmental Agreement between Penn State and the Pennsylvania Department of Corrections entitled, "Field-Based Certification of Vocational Instructors at the Pennsylvania Department of Corrections. \$54,009. (2008-09).

Development of Oral Occupational Competency Examination Templates for Architectural Drafting, Child Care, and Cabinetmaking, Pennsylvania Department of Education, \$24,833. (2008-09).

Professional Personnel Development Center for Career and Technical Education, Pennsylvania Department of Education, \$1,213,393. (2007-08).

Establishing Cut-Scores for NOCTI HVAC and Electrical Construction Occupational Competency Written Examinations, Pennsylvania Department of Education, \$19,889. (2007-08).

Pennsylvania Governor's Institute for Career and Technical Educators: Integrating Mathematics, Pennsylvania Department of Education, \$108,000. (2007-08).

Intergovernmental Agreement between Penn State and the Pennsylvania Department of Corrections entitled, "Field-Based Certification of Vocational Instructors at the Pennsylvania Department of Corrections. \$54,009. (2007-08).

Pennsylvania Governor's Institute for Career and Technical Educators: Integrating Mathematics, Pennsylvania Department of Education, \$108,000. (2006-07).

Intergovernmental Agreement between Penn State and the Pennsylvania Department of Corrections entitled, "Field-Based Certification of Vocational Instructors at the Pennsylvania Department of Corrections. \$51,814. (2007-08).

Skills USA Leadership, Pennsylvania Skills USA Board, Inc., \$55,124. (2006-07).

Professional Personnel Development Center for Career and Technical Education, Pennsylvania Department of Education, \$1,213,393. (2006-07).

- Establishing Cut-Scores for NOCTI Cabinetmaking and Child Care Occupational Competency Written Examinations, Pennsylvania Department of Education, \$17,421. (2006).
- Teach the Teachers: Integrating Mathematics in CTE, School District of Philadelphia, \$11,596.51. (2006).
- Professional Personnel Development Center for Career and Technical Education, Pennsylvania Department of Education, \$1,213,393. (2005-06).
- Intergovernmental Agreement between Penn State and the Pennsylvania Department of Corrections entitled, "Field-Based Certification of Vocational Instructors at the Pennsylvania Department of Corrections. \$51,814. (2005-06).
- Pennsylvania Governor's Institute for Career and Technical Educators: Integrating Mathematics, Pennsylvania Department of Education, \$108,000. (2005-06).
- Skills USA Leadership, Pennsylvania Skills USA Board, Inc., \$53,454. (2005-06).
- Professional Personnel Development Center for Career and Technical Education, Pennsylvania Department of Education, \$1,193,393. (2004-05).
- Establishing Cut-Scores for NOCTI Carpentry and Welding Occupational Competency Written Examinations, Pennsylvania Department of Education, \$16,605. (2004-05).
- Intergovernmental Agreement between Penn State and the Pennsylvania Department of Corrections entitled, "Field-Based Certification of Vocational Instructors at the Pennsylvania Department of Corrections. \$51,301. (2004-05).
- Skills USA/VICA Leadership, Pennsylvania Skills USA/VICA Board, Inc., \$52,001. (2004-05).
- Occupational Competency Examiner's Workshop, Pennsylvania Department of Education, \$50,000. (2004)
- Professional Personnel Development Center for Vocational Education, Pennsylvania Department of Education, \$1,205,624. (2003-04).
- Pennsylvania Governor's Institute for Career and Technical Educators – Architecture and Construction Career Cluster, Pennsylvania Department of Education, \$110,000. (2003-04).
- Skills USA/VICA Leadership, Pennsylvania Skills USA/VICA Board, Inc., \$50,622. (2003-04).
- Professional Personnel Development Center for Career and Technical Education, Pennsylvania Department of Education, \$1,205,624. (2002-03).
- Pennsylvania Governor's Institute for Vocational Technical Educators – Agricultural Sciences and Advanced Manufacturing Career Pathways, Pennsylvania Department of Education, \$120,000. (2002-03).
- Skills USA/VICA Leadership, Pennsylvania Skills USA/VICA Board, Inc., \$49,029. (2002-03).
- Intergovernmental Agreement between Penn State and the Pennsylvania Department of Corrections entitled, "Field-Based Certification of Vocational Instructors at the Pennsylvania Department of Corrections. \$50,109. (2003-04).
- Validation of NOCTI Audio Visual Technology and Quantity Foods Exams for use in Pennsylvania's Certification of Career and Technical Education Teachers. Pennsylvania Department of Education, \$17,270. (2002-03)
- Piloting of a State-Wide Nursing Aids Curriculum. Pennsylvania Department of Education, \$15,560, Principal Investigator, (2002-03).

Professional Personnel Development Center for Vocational Education, Pennsylvania Department of Education, \$1,205,624. (2001-02).

Skills USA/VICA Leadership, Pennsylvania Skills USA/VICA Board, Inc., \$47,115. (2001-02).

Strengthening the Preparation of Teachers for Career and Technical Education Programs. U.S. Department of Education, Office of Vocational and Adult Education via MPR Associates, Inc., \$15,000, Co-Author. (2001-02).

United Arab Emirates Teacher Education Project, \$45,000. (2001-02).

Development of a State-Wide Nurse Aide Curriculum, Pennsylvania Department of Education, \$30,118, Principal Investigator. (2001-02)

Validation of Early Childhood Care and Education Examination for Use in Pennsylvania's Certification of Vocational Teachers, Pennsylvania Department of Education, \$15,986. (2001-02).

Pennsylvania Governor's Institute for Vocational Technical Educators – Construction Pathway, Pennsylvania Department of Education, \$120,000, (2000-01).

Development of Oral Examinations for Use in Pennsylvania's Certification of Vocational Teachers, Pennsylvania Department of Education, \$15,632. (2000-01).

Skills USA/VICA Leadership, Pennsylvania Skills USA/VICA Board, Inc., \$47,381. (2000-01).

Professional Personnel Development Center for Vocational Education, Pennsylvania Department of Education, \$1,181,986. (2000-01).

United Arab Emirates Teacher Education Project, \$202,000. (1999).

Pennsylvania Governor's Institute for Vocational Technical Educators – Manufacturing Pathway, Pennsylvania Department of Education, \$130,000, (1999-2000).

Development of Oral Examinations for Use in Pennsylvania's Certification of Vocational Teachers, Pennsylvania Department of Education, \$14,969, (1999).

VICA Leadership, Pennsylvania Vocational Industrial Clubs of America, Inc., \$46,111, (1999).

Professional Personnel Development Center for Vocational Education, Pennsylvania Department of Education, \$1,158,860. (1999).

National Skills Standards for Manufacturing Implementation Project, \$146,123, Principal Investigator. (1998-99).

Development and Delivery of an Occupational Competency Assessment Consortium Examiner Training Workshop, \$18,798, (1998).

United Arab Emirates Teacher Education Project, \$212,000. (1998).

Professional Personnel Development Center for Vocational Education, The Pennsylvania Department of Education, \$1,136,088, Co-Author, (1998).

VICA Leadership, Pennsylvania Vocational Industrial Clubs of America, Inc., \$44,000. (1998).

National Skill Standards for Manufacturing Implementation Project, \$228,000, The Pennsylvania Department of Education, Principal Investigator, (1998).

Development of an Occupational Competency Examination Guide for Use in Pennsylvania's Certification of Vocational Teachers, \$18,000, (1997).

National Skill Standards for Manufacturing Implementation Project, \$228,000, The Pennsylvania Department of Education, Principal Investigator. (1997).

United Arab Emirates Teacher Education Project, \$224,000. (1997).

VICA Leadership, Pennsylvania Vocational Industrial Clubs of America, Inc., \$42,000. (1997).

Professional Personnel Development Center for Vocational Education, The Pennsylvania Department of Education, \$1,113,812, Co-Author. (1997).

Validation Study of the Automotive Technician, Hospitality Management, and Welding NOCTI examinations for use in Pennsylvania's Certification of Vocational Instructors, The Pennsylvania Department of Education, \$10,963, (1996-97).

United Arab Emirates Teacher Education Project, \$244,000, (1996).

Professional Personnel Development Center for Vocational Education, The Pennsylvania Department of Education, \$1,046,982, Co-Author. (1996).

Validation Study of the Advertising and Design, HVAC, and Precision Machining NOCTI Examinations for use in Pennsylvania's Certification of Vocational Instructors, The Pennsylvania Department of Education, \$10,853. (1995-96).

VICA Leadership, Pennsylvania Vocational Industrial Clubs of America, Inc., \$43,265. (1996).

United Arab Emirates Teacher Education Project, \$250,000, Co-Author. (1995).

Professional Personnel Development Center for Vocational Education, The Pennsylvania Department of Education, \$1,113,812, Co-Author, (1995).

Professional Personnel Development Center for Vocational Education, The Pennsylvania Department of Education, \$1,113,812, Co-Author. (1994).

United Arab Emirates Teacher Education Project, \$250,000, Co-Author. (1994).

## **PRESENTATIONS:**

*Teaching Career and Technical Education: An Alternative Career Path.* Seminar conducted for Automotive Technology students enrolled in the baccalaureate degree program at The Pennsylvania College of Technology. University Park, PA. (April, 2009).

*Developing an Effective Workforce Through Instructor Training.* Presented at conference for UBC Training Directors and Coordinators from U.S. and Canada. Las Vegas, NV (January, 2009). Walter, R. & Huizenga, C.

*The Role, Responsibilities, and Ethics of Peer Review.* Presented at CTE Research and Professional Development Conference. Charlotte, NC. (December, 2008). Martinez, R., Price, W., Walter, R., & Zinser, R.

*A Closer Look at Workforce Education and Development Program.* Presented to the Humphreys Fellows. University Park, PA (October, 2008)

*Developing an Effective Workforce Through Instructor Training.* Presented at conference for UBC Training Directors and Coordinators from U.S. and Canada. Las Vegas, NV (August, 2008). Walter, R., & Huizenga, C.

*Developing an Effective Workforce Through Instructor Training.* Presented at conference for UBC Training Directors and Coordinators from U.S. and Canada. Las Vegas, NV (March, 2008). Walter, R. & Huizenga, C.

*Assessing CTE Teachers in Pennsylvania.* Presented at conference of the Association for Career and Technical Education, Las Vegas, NV (December, 2007). Walter, R. & Lees, R.

*Using the Nedelsky Methodology to Establish Cut-Scores for Assessment Instruments published by the National Occupational Competency Testing Institute.* Presented at conference of the Association for Career and Technical Education, Las Vegas, NV (December, 2007)

*Developing an Effective Workforce Through Instructor Training.* Presented at conference for UBC Training Directors and Coordinators from U.S. and Canada. Las Vegas, NV (October, 2007).  
Walter, R., & Huizenga, C.

*The Evidence for Work-based Education.* Presented Pennsylvania Cooperative Education Conference, University Park, PA. (October, 2007).

*Understanding Vocational Instructional Certification Requirements.* Presented at Annual Pennsylvania Correctional Education Conference, Altoona, PA. (April, 2007).

*What is a Professional Coordinator?* Presented Pennsylvania Cooperative Education Conference, University Park, PA. (October, 2006).

*Using the Nedelsky Methodology to Establish Cut-Scores for Assessment Instruments published by the National Occupational Competency Testing Institute.* Presented as part of a national web-conference sponsored by NOCTI, Big Rapids, MI. (September, 2006)

*Perkins Re-Authorization: A Progress Report.* Presented at a regional workshop sponsored by the Professional Personnel Development Center, Boalsburg, PA. (April, 2006).

*Hiring the Best Qualified Teacher Candidates.* Presented at the central region meeting of the Pennsylvania Association for Vocational Administrators, University Park, PA. (April, 2006).

*Transforming the Role of Training Into Higher Education Opportunities.* Presented at International Foundation of Employee Benefit Plans' Trustees Institute for Jointly Managed Training and Education Funds, Las Vegas, NV, (January, 2006).

*Verifying the Role of CTE Instructors in Career Guidance.* Presented at conference of the Association for Career and Technical Education, Kansas City, KS, (December, 2005). Pellock, C. and Walter, R.  
*Celebrating a Century of Cooperative Education.* Presented Pennsylvania Cooperative Education Conference, University Park, PA. (October, 2005).

*In-Service Certification for Career and Technical Education Teachers.* Presented at workshop for faculty at the Central Pennsylvania Institute for Science and Technology, Pleasant Gap, PA. (August, 2005).

*Immediate and Long-Term Professional Goals.* Presented at workshop sponsored by the Professional Personnel Development Center, University Park, PA. (August 2005).

*Setting Occupational Competency Cut-Scores Via the Nedelsky Methodology.* Presented at workshop sponsored by the Pennsylvania Occupational Competency Assessment Consortium, State College, PA. (April, 2005).

*Identifying the Role of CTE Instructors in Guidance at the Technical School.* Presented at state-wide meeting of guidance counselors sponsored by the Pennsylvania School Counselors Association, University Park, PA. (April, 2005). Walter, R., & Pellock, C.

*Your Role in the Re-Authorization of Perkins Legislation.* Presented at workshop sponsored by the Professional Personnel Development Center, Boalsburg, PA. (April, 2005).

*The Path to Becoming a Full-Time Career and Technical Teacher in Pennsylvania.* Presented at multi-county workshop sponsored by the Columbia-Montour Area Vocational Technical School, Bloomsburg, PA. (January, 2005).



*Career and Technical Teacher Education at Penn State.* Presented at a state-wide meeting to recruit potential teacher education students sponsored by the Professional Personnel Development Center in conjunction with the Undergraduate Admissions Office, University Park, PA. (December, 2004).

*Clarifying the Goals for Northern Montgomery County Career and Technical Center.* Presented at a meeting sponsored by Northern Montgomery County Career and Technical Center, Lansdale, PA. (November, 2004). Gray, K., & Walter, R.

*Perceptions of Work-based Learning.* Presented Pennsylvania Cooperative Education Conference, University Park, PA. (October, 2004).

*Understanding Differences: Learning Styles and the Teaching Learning Continuum.* Presented at Southwestern Region Conference of the United Brotherhood of Carpenters, Phoenix, AZ. (September, 2004).

*Identifying the Role of CTE Instructors in Guidance at the Technical School.* Presented at state-wide meeting of vocational guidance counselors sponsored by the Pennsylvania Association of Vocational Administrators, University Park, PA. (September, 2004). Walter, R., & Pellock, C.

*Certification and Degree: A Blended Approach.* Presented at workshop sponsored by the Professional Personnel Development Center, University Park, PA. (August, 2004).

*The Role of Occupational Competency Assessment in Staffing Career and Technical Education Programs.* Presented at state-wide meeting of the Pennsylvania Occupational Competency Assessment Consortium, State College, PA. (June, 2004).

*Navigating Career and Technical Teachers to Certification.* Presented at meeting of Career and Technical Center Administrative Assistants, State College, PA. (May, 2004).

*The Impact of Perkins Funding on Career and Technical Education in Pennsylvania.* Presented at Pennsylvania Cooperative Education Association Conference, University Park, PA. (October, 2003).

*Fulfilling Your Professional Development Goals.* Presented at in-service meeting for staff at the Brownstown, Mr. Joy, and Willow Street campuses of the Lancaster County Career and Technical Center. Lancaster, PA. (August, 2003).

*Is There a Shortage of Career and Technical Educators?* Testimony presented to the Joint State Government Commission Task Force of the General Assembly of Pennsylvania, Harrisburg, PA. (April, 2003).

*Meeting The Professional Development Needs of Career and Technical Educators.* Presented at College of Agricultural Sciences Advisory Committee Meeting, University Park, PA. (March, 2003).

*Alternative Certification: Innovative Models to Recruit and Retain Career and Technical Education Teachers.* Presented at Career and Technical Teacher Education Institute, sponsored by The National Dissemination Center for Career and Technical Education, Scottsdale, AZ. (February, 2003). Ruhland, S., Walter, R., Friedel, J., Schneider, S., and Hall, H.

*Multiple Pathways to The Goal of Professional Educators.* Presented at Career and Technical Teacher Education Institute, sponsored by The National Dissemination Center for Career and Technical Education, Scottsdale, AZ. (February, 2003). Walter, R., & Pellock, C.

*What Do You Do With a Degree in Career and Technical Education?* Presented at Career and Technical Teacher Education Institute, sponsored by The National Dissemination Center for Career and Technical Education, Scottsdale, AZ. (February, 2003). Walter, R., & Pellock, C.

*Reforming Career and Technical Education Teacher Licensure and Preparation: A Public Policy Synthesis.* Presented as part of "Chat With The Experts" Professional Development Academy as a nation-wide web conference sponsored by The National Dissemination Center for Career and Technical Education. (September, 2002). Gray, K., & Walter, R.

*Reforming Career and Technical Education Teacher Licensure and Preparation: A Public Policy Synthesis.* Presented at Career and Technical Teacher Education Institute, sponsored by The National Dissemination Center for Career and Technical Education, Scottsdale, AZ. (February, 2002). Gray, K., & Walter, R.

*In the World of Academic Skills Standards and No Child Left Behind: Where Does Cooperative Education Fit?* Presented at Pennsylvania Cooperative Education Association Conference, University Park, PA. (October, 2002).

*Professional Development Opportunities Within the Workforce Education and Development Program.* Presented at a workshop for the faculty and staff of the York Technical Institute, York, PA. (November, 2001).

*What About Cooperative Education?* Presented at Pennsylvania Cooperative Education Association Conference, University Park, PA. (October, 2001).

*Yesterday I was a Machinist, Today I am a Teacher.* Presented at workshop sponsored by Professional Personnel Development Center, University Park, PA. (August, 2001).

*Integrating Pennsylvania's Mathematics Skills Standards into Career and Technical Education.* Presented at the Pennsylvania Governor's Institute for Construction Technology Career Educators, Williamsport, PA. (June 21, 2001).

*Integrating Pennsylvania's Reading, Writing, Listening, and Speaking Academic Skills Standards into Career and Technical Education.* Presented at the Pennsylvania Governor's Institute for Construction Technology Career Educators, Williamsport, PA. (June 20, 2001).

*Evaluation of Technical Training for the United Arab Emirates.* Presented at conference sponsored by the Ministry of Education, Department of Technical Education, Dubai, U.A.E. (April, 2001)

*Twin Goals: Professional Development of Trainers and Academic Credentials.* Presented at Grand Opening of the International Training Headquarters of the United Brotherhood of Carpenters and Joiners, Las Vegas, NV. (March, 2001).

*Developing Technical Education in the United Arab Emirates.* Presented at Association for Career and Technical Education conference, San Diego, CA. (December, 2000).

*Education and the Workforce: Elements of a Mismatch.* General Advisory Committee Meeting, Bradford Area School District, Bradford, PA. (November, 2000).

*Career Decisions of Our Children.* Presented at workshop sponsored by Mifflin County School District for students and parents, Lewistown, PA. (October, 2000).

*The Realities of the Post-Industrial Economy and Pennsylvania's Workforce.* Presented at Pennsylvania Cooperative Education Association Conference, University Park, PA. (October, 2000).

*Work-based Education: Why and How.* Presented at workshop for Mifflin County School District faculty and staff, Lewistown, PA. (October, 2000).

*Implementing the UBC Professional Development Model.* Presented at North America Instructor Training, United Brotherhood of Carpenters and Joiners, Las Vegas, NV. (August, 2000).

*The Preparation of Career and Technical Education Teachers Pennsylvania Style.* Presented at the U.S. Department of Education's National Teacher Education Symposium, Washington, D.C. (June, 2000).

- Workforce Education and the New Economy.* Presented as public affairs program on WBUS Radio Station, State College, PA. (June, 2000).
- Providing Students with an Economic Advantage.* Presented at Pennsylvania Cooperative Education Association Conference, University Park, PA. (October, 1999).
- Workforce Education and Development's Teacher Training Partnership with The United Arab Emirates.* Presented at meeting of the Rotary Club of Greater Lewistown, Lewistown, PA. (February, 1999).
- Skill Standards and Vocational Education.* Presented at SUN Area Career and Technology Center, New Berlin, PA. (November, 1998).
- Creating a Quality Mentoring Experience for Cooperative Education Students.* Presented at Pennsylvania Cooperative Education Association Conference, University Park, PA. (November, 1998).
- The Role of the Performance Examiner.* Presented at Examiner Training Workshop sponsored by the Pennsylvania Occupational Competency Assessment Consortium, State College, PA. (August, 1998).
- So, You Want to Be a Teacher.* Presented at workshop sponsored by Cumberland Perry Technical School, Dauphin County Technical Center, York Technical School, and Franklin County Technical School, at Mechanicsburg, PA. (October, 1997).
- Ensuring the Future.* Presented at meeting of the Pennsylvania Association of Vocational Administrators, Lewistown, PA. (October, 1997).
- Improving the UBC Through Professional Development.* Presented at the North America Training Institute of the United Brotherhood of Carpenters and Joiners, Chicago, IL. (August, 1997).
- School-to-Work and Cooperative Education: Enemies or Allies?* Presented at the Pennsylvania Cooperative Education Conference, University Park, PA. (October, 1996).
- Career Paths Through Workforce Education and Development.* Presented at workshops sponsored by the Professional Development Center, Harrisburg and State College, PA. (April, 1996).
- Alternate Routes to Teacher Certification.* Presented at the College of Education Board of Visitors Meeting, University Park, PA. (April, 1996).
- Standards of Quality for Trade and Industrial Teacher Education.* Presented at American Vocational Association Annual Convention, Denver, Colorado. (December, 1995). Frantz, N., Freidenberg, J., Gregson, J., & Walter, R.
- Cooperative Education: The Link Between School and Career.* Presented at Pennsylvania Cooperative Education Association Conference, University Park, PA. (October, 1995).
- Technical Instructor Training for the United Arab Emirates.* Presented at Ministry of Education Conference, The Role of Technical Education in Economic Development, Dubai, UAE. (September, 1995).
- The Best Kept Secret: Workforce Education and Development.* Presented at Centre County Technical School, Pleasant Gap, PA. (August, 1995).
- The Integration of Work-based and School-based Education.* Presented at Pennsylvania Department of Education Curriculum Conference, Shippensburg, PA. (July, 1995).
- Six Myths About Vocational Education and Careers.* Presented at Juniata Mifflin Counties Area Vocational Technical School, Lewistown, PA. (May, 1995).
- The Cooperative Vocational Teacher Education Program.* Presented at Pennsylvania Association of Vocational Administrators, Hershey, PA. (April, 1995).

- Cooperative Education and the New Workforce*. Presented at State College High School Center for Applied Academics and Technologies, State College, PA. (April, 1995).
- Trade & Industrial Teacher Certification and the EVIED Degree*. Presented at meetings sponsored by the Center for Professional Personnel Development Center, in Altoona, Williamsport, Lancaster, and Harrisburg, PA. (March, 1995).
- A Town Meeting: Standards for Industrial and Technical Teacher Preparation*. Presented at American Vocational Association Annual Conference, Dallas, TX. (December, 1994). (Frantz, N., Friedenber, J., Gregson, J., & Walter, R.
- School-to-Work and Cooperative Education: Marriage or Divorce*. Presented at Pennsylvania Department of Education Curriculum Conference, Shippensburg, PA. (July, 1994).
- Roles and Responsibilities of the Field and Local Resource Persons*. Presented at workshop sponsored by the Professional Personnel Development, Huntingdon, PA. (April, 1994).
- Certification and Degree Requirements for Teachers of Vocational Education*. Presented at meeting Sponsored by the Center Professional Personnel Development Center, Loyalsock, PA. (March, 1994).
- The Restructuring of the Undergraduate Program*. Presented at workshop sponsored by the Professional Personnel Development Center, Lebanon, PA. (March, 1994).
- The Role of the Local Resource Person*. Presented at workshop sponsored by Professional Personnel Personnel Development Center, Chambersburg, PA. (March, 1994).
- Trends, Projections, and Issues in Cooperative Education*. Presented at Pennsylvania Council on Vocational Education Conference, Hershey, PA. (February, 1994).
- Developing National Policies and their Impact upon Trade & Industrial Education*. Presented at American Vocational Association Conference, Nashville, TN. (December, 1993).
- Concerns for Teacher Education*. Presented at American Vocational Association Conference, Nashville, TN. (December, 1993).
- Tech Prep, 2+2, Articulation, Advanced Placement*. Presented at State Conference of the Association of Vocational Education Administrators, Syracuse, NY. (May, 1990).
- Membership Strategies of the Ten Leading States*. Presented at National Conference of the American Vocational Association, Las Vegas, NV. (December, 1987).
- Membership Trends and Their Impact*. Presented at National Conference of the American Vocational Association, Dallas, TX. (December, 1986).
- Trade & Industrial Teacher Education Standards in NY*. Presented at Northeast Trade & Industrial Education Conference, Atlantic City, NJ. (January, 1986).
- Improvement Begins Within*. Presented at National Conference of the American Vocational Association, Atlanta, GA. (December, 1985).
- Time on Task in Cooperative Education*. Presented at Pennsylvania Vocational Education Conference, Lancaster, PA. (June, 1984).
- Diversified Occupations Pennsylvania Style*. Presented at National Conference of the American Vocational Association, Anaheim, CA. (December, 1983).
- Collegiate VICA at Penn State*. Presented at National Vocational Industrial Clubs of America Conference and Skill Olympics, Louisville, KY. (June, 1983).

*Occupational Competency Assessment in Pennsylvania.* Presented at National Occupational Competency Testing Institute, Big Rapids, MI. (June, 1982).

*A New Look at Scheduling the National Conference.* Presented at National Vocational Industrial Clubs of America Conference and Skill Olympics, Louisville, KY. (June, 1982).

*VICA Advisor Development Program.* Presented at National Vocational Industrial Clubs of America Conference and Skill Olympics, Louisville, KY. (June, 1982).

*Curriculum Resources for Cooperative Education Coordinators.* Presented at Cooperative Work Experience Education Association National Conference, Atlantic City, NJ. (March, 1982).

## **CONSULTING:**

United Brotherhood of Carpenters and Joiners Education and Training Division. Evaluating Credentials of Apprenticeship Trainers for Placement in UBC Certification Program. (September 1996 – Present).

Educational Testing Services. Reviewed/edited the Cooperative Education Praxis Specialty Examination. (April, 2008).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV. (February, 2008).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV. (October, 2007).

United Brotherhood of Carpenters and Joiners Education and Training Division. Conducted an on-site evaluation of the UBC training centers located in Newfoundland, Canada, and prepared the final report for the evaluation team. (October, 2007).

United Brotherhood of Carpenters and Joiners Education and Training Division. Conducted an on-site evaluation of the UBC training centers located in Louisiana and prepared the final report for the evaluation team. (September, 2007).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV. (August, 2007).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV. (February, 2007).

United Brotherhood of Carpenters and Joiners Education and Training Division. Conducted an on-site evaluation of the UBC training center located in Minnesota, North Dakota, and Wisconsin, and prepared the final report for the evaluation team. (December, 2006).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV. (October, 2006).

United Brotherhood of Carpenters and Joiners Education and Training Division. Conducted an on-site evaluation of the UBC training centers located in Texas and prepared the final report for the evaluation team. (September, 2006).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV. (August, 2006).

National Center for Research in Career and Technical Education.

Provided consultation on the assessment of Career and Technical Education Student outcomes. (August, 2006).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV. (February, 2006).

United Brotherhood of Carpenters and Joiners Education and Training Division.

Conducted an on-site evaluation of the UBC training center located in Albuquerque, New Mexico, and prepared the final report for the evaluation team. (December, 2005).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV. (October, 2005).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV. (August, 2005).

Educational Testing Services. Reviewed/edited the Cooperative Education Praxis Specialty Examination. (July, 2005).

National Institute for Metalworking Skills. Provided assistance with establishing cut-scores for examinations used as part of the NIMS industry-based credentialing system. (February, 2005).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV. (February, 2005).

North Texas State University. Provided assistance with the initiation and operation of an occupational competency assessment program as part of the certification process for career and technical teachers. (February, 2005).

Northern Montgomery County Career and Technical Center. Provided assistance with an investigation of the current delivery models and recommendations for revisions. (November 2004 – April 2005).

United Brotherhood of Carpenters and Joiners Education and Training Division. Conducted an on-site evaluation of the UBC training center located in Des Moines, Iowa, and prepared the final report for the evaluation team. (November, 2004).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV. (July, 2004).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV. (August, 2004).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV. (March, 2004).

Bureau of Career and Technical Education, Pennsylvania Department of Education. Review of Proposed Academic Standards for Career Education and Work. (February, 2004).

Skills USA. Development of a College Curriculum to “prepare students to apply essential employability skills and competencies through activity based experiences.” Skills USA College Curriculum Task Force Meeting. Kansas City, MO. (November, 2003).

Bureau of Teacher Certification and Preparation, Pennsylvania Department of Education. On-Site Evaluation of Vocational Administrator Certification Preparation Programs at the Indiana University of Pennsylvania. (October, 2003).

Quality of Career/Technical Teachers Study: Education Commission of States. Southern Regional Education Board (SREB). Preparation of a framework report for use in developing policies and standards to strengthen teacher preparation and promote interstate mobility. (September, 2003).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV. (August, 2003).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV. (July, 2003).

United Brotherhood of Carpenters and Joiners Education and Training Division. On-Site evaluation of Jacksonville, Florida, Apprenticeship and Journeyman Training Center. (July, 2003).

United Brotherhood of Carpenters and Joiners Education and Training Division. On-Site evaluation of Orlando, Florida, Apprenticeship and Journeyman Training Center. (July, 2003).

United Brotherhood of Carpenters and Joiners Education and Training Division. On-Site evaluation of West Palm Beach, Florida, Apprenticeship and Journeyman Training Center. (July, 2003).

United Brotherhood of Carpenters and Joiners Education and Training Division. On-Site evaluation of Ft. Lauderdale, Florida, Apprenticeship and Journeyman Training Center. (July, 2003).

Is There a Shortage of Career and Technical Educators? Testimony presented to the Joint State Government Commission Task Force of the General Assembly of Pennsylvania, Harrisburg, PA. (April, 2003).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV. (October, 2002).

United Brotherhood of Carpenters and Joiners Education and Training Division. On-Site evaluation of St. Paul, Minnesota, Apprenticeship and Journeyman Training Center, (August, 2002).

United Brotherhood of Carpenters and Joiners Education and Training Division. On-Site evaluation of Cincinnati, Ohio, Apprenticeship and Journeyman Training Center, (July, 2002).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV, (June, 2002).

United Brotherhood of Carpenters and Joiners Education and Training Division. Coordination and Delivery of Professional Development Courses. UBC International Training Center, Las Vegas, NV, (November, 2001).

United Brotherhood of Carpenters and Joiners Education and Training Division. On-site evaluation of St. John, New Brunswick Apprenticeship and Journeyman Training Center. (October, 2001).

U.S. Department of Education, Office of Adult and Vocational Education. State’s Clustering Project, Louisville, KY, (September, 2001).

- United Brotherhood of Carpenters and Joiners Education and Training Division. On-site evaluation of Washington, D.C. Apprenticeship and Training Center, (December, 2000).
- United Brotherhood of Carpenters and Joiners Education and Training Division. On-site Evaluation of Salt Lake City, UT Apprenticeship and Training Center, (March, 2000).
- United Brotherhood of Carpenters' Education and Training Division, Planning and Delivery of Professional Development Courses for North America Training Institute, (August, 1998).
- State University of New York College at Buffalo, Office of the Provost, On-Site Evaluation of Vocational Technical Education Department at SUNY Buffalo, (May 1998).
- United Brotherhood of Carpenters' Education and Training Division, On-Site Program and Facilities Evaluation Study of Las Vegas Nevada Apprenticeship Training Center, (April, 1998).
- United Brotherhood of Carpenters' Education and Training Division, Planning and Delivery of Professional Development Courses for North America Training Institute, (August, 1997).
- United Brotherhood of Carpenters' Education and Training Division, Preparation of Instructors for North American Training Institute, (May, 1997).
- Penn State Continuing and Distance Education, Development of Independent Learning Courses for the United Brotherhood of Carpenters' Instructor Certification Program, (November through June, 1996-97).
- Pennsylvania College of Technology Tech Prep Consortium, Workplace Issues for Tech Prep Programs, (January through June, 1997).
- United Brotherhood of Carpenter's Education and Training Division, Implementation of Instructor Certification Program with Associate Degree and Baccalaureate Degree Options, St. Louis, MO, (September, 1996).
- Penn State Continuing and Distance Education, Development of Independent Learning Courses for the United Brotherhood of Carpenters' Instructor Certification Program, (May through August, 1996).
- United Brotherhood of Carpenters' Education and Training Division, Designing an Certification Program for Apprenticeship Instructors, (February, 1996).
- United Brotherhood of Carpenters' Education and Training Division, Effective Evaluation of Apprentice Competence While Providing for the Needs of a Diverse Clientele, (May, 1995).
- Pennsylvania Department of Education, On-Site Evaluation of Southern Region Educational Board's High Schools That Work Program, (April, 1995).
- Pennsylvania Department of Education, Guidelines for the Operation of Cooperative Education Programs, (February, 1995).
- ACTV Interactive, Production of Interactive Videotapes Dealing with Math Skills and Job Seeking Skills, (September, 1993 – August, 1995).
- Evaluating the Effectiveness of CBTE Programs, University of Arkansas, January, 1994.
- New York State Education Department, Development of Program Improvement Model for Trade & Industrial Division, (July - October, 1989).
- New York State Education Department, Development of Statewide Program Evaluation Model, (July - October, 1988).
- New York State Education Department, Development of Performance Testing Handbook for Teachers, (July, 1988).



Madison-Oneida County BOCES, Development of Program Evaluation Procedures and Instruments, (July, 1988).

Two-Year College Development Center, Designing and Developing Articulation Agreements between New York's Community Colleges and SUNY @ Oswego, (1987-88).

New York State Education Department, Development of Student Achievement Examinations in Three Occupational Clusters, (August, 1986).

New York State Education Department, Design of Parameters for Student Occupational Achievement Examinations, (March, 1986).

Pennsylvania Occupational Competency Assessment Consortium, Scoring and Evaluation Procedures, State College, PA, (June, 1985).

Pennsylvania Power & Light Company, Train the Trainer Seminars, Berwick Nuclear Steam Station, Berwick, PA, (June-July, 1983, June-July, 1984).

### **PROFESSIONAL ORGANIZATIONS:**

Association for Career and Technical Education

Chair, Editorial & Publications Committee (1997-98)

Field Editor, TECHNIQUES (1995-98)

Chair, T & I Division Editorial & Publications Committee (1995-98)

Member, Policy & Planning Committee of the T & I Division (1987-1998)

Chair, T & I Division Research Committee (1988-1990)

National Occupational Competency Testing Institute (NOCTI)

Trustee, Secretary of Board of Trustees (1998-2006)

Area Test Center Coordinator (1994 – Present)

National Association of Industrial and Technical Teacher Educators

Editor, Journal of Industrial Teacher Education (2007-08)

Associate Editor, Journal of Industrial Teacher Education (2005-07)

Vice President for Trade & Industrial Education (1992-94)

Referee, Journal of Industrial Teacher Education (1986 – Present)

Chair, Research Committee (1990-92)

Pennsylvania Cooperative Education Association

Member, Executive Committee (1994 – Present)

Member, Conference Committee (1994 – Present)

Workforce Education Forum

Trustee (2001 – Present)

Pennsylvania Association of Career and Technical Administrators

Member of Executive Committee (2000 – Present)

Academy for Career and Technical Teacher Education, Charter Member

International Vocational Education and Training Association, Member

World Association for Cooperative Education, Member

Cooperative Work Experience Education Association, Member

Cooperative Education Association, Member

Pennsylvania Career and Technical Education Association, Member

Phi Delta Kappa, Member