

Resume

**Stanley A. Komacek, Ed.D., DTE (Retired)**  
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**EDUCATION**

Ed. D., Technology Education, West Virginia University, 1987  
M. Ed., Industrial Education, Miami University, 1981  
B. S., Industrial Arts, California University of Pennsylvania, 1980

**PROFESSIONAL EXPERIENCE – California University of Pennsylvania**

**Special Assistant to the President for Academic Program Development**, January 2018-January 2019

**Primary Responsibilities:** *Led the creation of new academic programs campus-wide*

**Highlights** (new program proposals):

- A.S. in Veterinary Technology (PASSHE-approved March 2019)
- B.A. in Student Designed Major (completed October 2018)
- B.S. in Fisheries/Wildlife Biology (PASSHE-approved August 2018, concentration-to-major conversion)
- B.S. in Exercise Science (PASSHE-approved April 2018, concentration-to-major conversion)
- B.S. in Molecular Biology (PASSHE-approved August 2018)
- B.S. in Unmanned Aerial Systems & Drone Technology (completed November 2018)
- B.S. in Veterinary Technology (PASSHE-approved March 2019)
- B.S.B.A. in Accounting (PASSHE-approved June 2018, concentration-to-major conversion)
- B.S.B.A. in Economics (PASSHE-approved June 2018, concentration-to-major conversion)
- B.S.B.A. in Finance (PASSHE-approved June 2018, concentration-to-major conversion)
- B.S.B.A. in H.R. Management (PASSHE-approved June 2018, concentration-to-major conversion)
- B.S.B.A. in Interdisciplinary Business (PASSHE-approved June 2018, concentration-to-major conversion)
- B.S.B.A. in Management (PASSHE-approved June 2018, concentration-to-major conversion)
- B.S.B.A. in Marketing (PASSHE-approved June 2018, concentration-to-major conversion)
- B.S.B.A. in Supply Chain Management (completed October 2018)
- D.P.T. in Physical Therapy (PASSHE-approved March 2019)
- Ed.D. in Education Administration and Leadership (PASSHE-approved May 2018)
- M.A. in Arabic Language & Linguistics (completed November 2018, concentration to major conversion)
- M.A. in Conflict Resolution Studies (PASSHE-approved April 2018, concentration-to-major conversion)
- M.A. in Criminal Justice Studies (PASSHE-approved April 2018, concentration-to-major conversion)
- M.A. in Professional Studies (completed October 2018)
- M.Acc. in Accounting (completed November 2018)

**PROFESSIONAL EXPERIENCE – California University of Pennsylvania**

**Dean & Professor; School of Graduate Studies & Research**, 2012-2018 (January)

**Associate Vice-President of Academic Affairs**, 2012-2018 (January)

**Associate Provost for Enrollment Management**, 2012-2018 (January)

**Primary Responsibilities:** *Graduate Studies, Graduate Admissions, Global Online (graduate and undergraduate programs), Strategic Enrollment Planning, Undergraduate Admissions, Institutional Research & Planning, International Programming, External Research Services*

**Highlights:**

- Approval of the University's **first two doctoral degrees** (DHSc, 2015; DCJ, 2017) and first two Professional Science Masters Degrees (Applied Mathematics and Cybersecurity, 2015)
- Approval and successful implementation of **24 major-concentration programs** (16 masters, 8 bachelors) and **17 certificate/certification programs** (14 graduate, 3 undergraduate)

## **PROFESSIONAL EXPERIENCE – California University of Pennsylvania (continued)**

- Expanded the **Global Online program inventory** by **28 options** to 89 (through Fall 2017)
- Created a **Strategic Enrollment Plan for Graduate and Global Online** programs (2014, with S. Franks), produced **33% enrollment increase** through Fall 2017 including **all-time high grad school enrollment**
- Led the University's first comprehensive **Strategic Enrollment Plan** (launched February 2017), established **10 strategic initiatives**, revised the scholarship program, developed **eight new academic program options**, created **nine accelerated programs** (bachelor's to master's), produced the University's **first enrollment increase** since 2011 in Fall 2017
- Developed the **Provost's Recruitment Initiative Mobilization Effort (PRIME)**, over two years, engaged 15 academic departments and 33 faculty and staff in recruitment initiatives
- Facilitated the University's **Finish Line degree-completion initiative**, generated over 1,200 registrations (Winter 2015 - Winter 2017)
- Chaired four **successful search committees**: *Institutional Research Director* (2012), *Global Online Director* (2013), *Undergraduate Admissions Dean* (2016), *Marketing Director* (2016)
- Instituted **budget controls** Global Online marketing and the Graduate Assistant program
- Established **new communication tools**: *Graduate Dean's Summer eNews* (7 issues), *Enrollment Management Planning eNews* (19 issues)
- Established and endowed three **scholarship funds**

### **Research Integrity Officer (2012-2015)** California University of Pennsylvania

**Primary Responsibilities:** *Sponsored Programs & Research, IACUC Institutional Officer, IRB Administrator, Center for Undergraduate Research*

#### **Highlights:**

- Executed the University's first-ever *Strategic Plan for Sponsored Programs & Research*
- Increased **Grant Writers** 29%, **Proposals** 12%, **Grant Awards** 9%, **Grant Funding** 35%
- Implemented the **INSPIRES** (Incentive for Sponsored Programs in Research, Education, Service) program
- Renewed the **Grants Fellows** program; 18 fellows trained, ROI increased 62% (from \$8.50 to \$13.76)
- Established the University's **Center for Undergraduate Research**
- Instituted the **Student-Faculty Research Grant** and **Student Travel Grant** programs

### **Associate Provost & Associate Vice-President of Academic Affairs (2009-2012)**, California University of PA

**Primary Responsibilities:** *Academic Policies, Academic Space Utilization, Data Reporting (Delaware Study, Snyder Report), Faculty Search Coordinator, NSSE Report, Technology Fee Projects, Smart Classrooms Project, Trustees Report, Strategic Plan Status Report, Web Page Content, Government Services Consultant, Parent/Family Portal Director, Teaching & Learning Center Instructional Technology Manager*

#### **Highlights:**

- Established the University's **Parent/Family Portal**, hired the first director
- Overhauled the **academic policies maintenance** system
- Documented the impacts of **Technology Fees and Performance Enhancement funding**
- Editor, *Faculty Handbook, Guide to Faculty Searches, Liberal Arts Faculty Scholarship, Academic Affairs Newsletter*, and *Academic Affairs Trustees Report*

### **Professor (1987-2011)**, California University of Pennsylvania

**Primary Responsibilities:** Develop and teach curriculum/courses, perform student advisement, conduct program accreditation/review in the Technology Education graduate and undergraduate programs; primary emphasis in transportation, manufacturing and professional courses, California University of Pennsylvania

#### **Highlights:**

- Grants: Secured over \$2.6 million in funding over 12 years and 16 projects (details below)
- Awards: *Gregg Loyalty & Service* (Cal U Alumni, 2011), *Million Dollar Grants* (Cal U Grants, 2009), *Distinguished Technology Educator* (ITEEA, 2007), *Silver Service* (TEEAP, 2005), *Outstanding Technology Teacher Program* (ITEEA, 1998 & 2005), *Exemplary Leadership* (TEEAP, 2003), *Faculty Service* (Cal U, 1997), *Laureate* (EPT, 1994)

## ***PROFESSIONAL EXPERIENCE – California University of Pennsylvania (continued)***

**Chair** (1996-2009) Department of Applied Engineering and Technology, California University of Pennsylvania

**Primary Responsibilities:** Department Leadership/Planning; Manage Schedules and 24 Classrooms/Labs in three buildings for one graduate program, five bachelor's degree programs, four associate degree programs, 600 students, 22 faculty members; Manage annual budget over \$2.4 million; Oversight for Curriculum, Program Accreditation, Faculty Evaluations, Promotion and Tenure

### **Highlights:**

- Four programs earned **initial national accreditation** (Computer Engineering Technology, Electrical Engineering Technology, Graphics & Multimedia, Technology Management)
- **Six new academic programs created:** Computer Engineering Technology, Computer-Aided Design, Nanofabrication, Robotics Engineering Technology, Multimedia, Technology Management
- Graduate Technology Education program moved to 100% online delivery
- **Seven tenure-track faculty hired** across three programs; all earned tenure
- **Enrollments increased 11 consecutive years**, 15% average annual increase
- Established/endowed 10 **scholarship** funds, served as lead in developing four funds

## ***PROFESSIONAL EXPERIENCE – Other than California University of Pennsylvania***

**Adjunct Associate Professor**, West Virginia University, training associate field supervisor for the Technology Education Demonstration Project, 1991-92

**Curriculum Associate**, Monongalia County Schools, Morgantown, WV, implemented a new technology education curriculum through Project Open, 1984-87

**Assistant Professor**, Salem University, WV, taught technical and teacher education courses in industrial arts and industrial technology, 1981-84

**Teaching Assistant**, Miami University, OH, taught laboratories in drafting, photography, power/energy, 1980-81

## ***RESEARCH & PROJECTS***

**Team Lead**, Institutionalizing Undergraduate Research to Enhance Student Success in STEM Through a System-Wide & Campus-Centered Project, Council on Undergraduate Research Enhancing Undergraduate Research in STEM Disciplines, funded, 2011-2013

**Project Director**, 222 Pathways Mini-Grant: Robotics Technology, Pennsylvania Department of Community and Economic Development-funded mini-grant; responsible for project management and execution, \$1,000, December 2011

**Project Director**, Pathways for Career Success: Robotics Technology, Pennsylvania Department of Community and Economic Development-funded 2+2+2 Workforce Leadership / Pathways for Career Success Grant; responsible for project management, budgeting, faculty and curriculum development coordination, articulation efforts, and grant proposal development activities, \$387,000 over six years, 2005-2011

**Project Director**, Robotics Summer Camp: Outreach & Recruitment Activities to Enhance the 2+2+2 Robotics Technology Workforce Project, California University of Pennsylvania award from the Pennsylvania Pathways Leadership Grant Program through the Pennsylvania State System of Higher Education; responsible for a one-week robotics camp for high school students in 2+2+2 project service region, \$5,000, May-December 2011

## **RESEARCH & PROJECTS (continued)**

*Project Director, Robotics Camp for Benjamin Wiley Program Partnership, California University of Pennsylvania award from the 222 Workforce Leadership Grant Program through the Pennsylvania State System of Higher Education; responsible to establish and manage a three-week robotics camp for inner-city students in the Benjamin Wiley program, \$10,000, June-August, 2010*

*Principal Investigator and Project Director, Advanced Manufacturing: Establishing Foundations for Education and Career Pathways from Middle School through College, Pennsylvania State System of Higher Education, a project funded by the National Science Foundation's Advanced Technological Education Program under Grant No. DUE-0603367, responsible for project management and coordination, budget, marketing, and overall project operations, \$810,000 over four years, July 1, 2006-June 30, 2010*

*Project Co-Director, F1 in Schools Equipment Implementation, Pennsylvania State System of Higher Education, a project funded by the Pennsylvania Infrastructure Technology Alliance, secured equipment funding for two school districts, funded for \$43,835, February 15, 2008-June 1, 2008*

*Project Co-Director, Project Lead the Way Gateway to Technology Implementation, Pennsylvania State System of Higher Education, a project funded by the Society of Manufacturing Engineers Education Foundation, responsible for project management, budget, marketing, and operations, two projects funded during Spring 2007, \$50,000, February 15, 2007-August 30, 2007*

*Project Co-Director, STEPS Academies, Pennsylvania State System of Higher Education, a project funded by the Society of Manufacturing Engineers Education Foundation, responsible for project management, budget, marketing, and operations, four camps during Summer 2007, \$50,000, January 19-August 30, 2007*

*Project Director, Robotics and Rapid Prototyping Workforce Leadership Project, California University of Pennsylvania subcontract from the Precision Manufacturing Institute in the Pennsylvania Department of Community and Economic Development-funded 2+2+2 Workforce Leadership Grant; responsible for project management, budgeting, faculty and curriculum development coordination, articulation efforts, and grant proposal development activities, \$6,000 in Year 1, \$17,500 in Year 2, \$6,600 in Year 3; Spring 2006-July 31, 2009*

*Project Evaluator, Pennsylvania Collaborative for Applied Nanotechnology, Pennsylvania State System of Higher Education pilot testing and implementation of an organic light emitting diode nanotechnology curriculum module, funded by the Pennsylvania Department of Community and Economic Development, \$113,000, Fall 2006-December 2007*

*Co-Site Facilitator, Governor's Institute for Technology Education, coordinated and managed the site requirements for the Institute, which was funded by the Pennsylvania Department of Education and enhanced the knowledge and skills of 100 technology education and elementary teachers in the state of Pennsylvania, \$108,000, Summer 2006*

*Project Evaluator, Pennsylvania Collaborative for Applied Nanotechnology, Pennsylvania State System of Higher Education pilot testing and implementation of nanotechnology curriculum modules, funded by the Pennsylvania Department of Community and Economic Development, \$200,000, Fall 2005-Spring 2006*

*Project Director, Nanofabrication Manufacturing Technology Partnership, Pennsylvania State System of Higher Education subcontract with Penn State University; responsible for project management, budgeting, curriculum coordination, articulation efforts, faculty professional development coordination, grant proposal development activities, funded by the National Science Foundation and the Pennsylvania Department of Community and Economic Development, \$450,000 over two years, Fall 2003-Fall 2005*

## **RESEARCH & PROJECTS (continued)**

*Co-Site Facilitator, Governor's Institute for Technology Education, coordinated and managed the site requirements for the institute, which was funded by the Pennsylvania Department of Education and enhanced the knowledge and skills of 100 technology education and elementary teachers in the state of Pennsylvania, \$119,000, Summer 2003*

*Faculty Coordinator, Nanofabrication Manufacturing Technology Partnership, Pennsylvania State System of Higher Education Subcontract with Penn State University; coordinated curriculum and faculty professional development activities among State System universities, \$260,000 over two years, 2001-03*

*Evaluation Liaison, Collaborative for Excellence in Teacher Preparation in Pennsylvania, California University of Pennsylvania, five-year, \$5 million project funded by the National Science Foundation for the 14 universities of the State System of Higher Education to improve teacher preparation, 2000-02*

*Team Leader, Collaborative for Excellence in Teacher Preparation in Pennsylvania, California University of Pennsylvania, worked as a member of the State System collaborative to develop the grant project proposal, which was funded by the National Science Foundation, 1997-2000*

*Member, Development Team, Technology in Teacher Preparation Program, Link to Learn-funded project at California University of Pennsylvania for \$330,000, focusing on the integration of technology into science and technology education courses and through inservice activities, 1999-2000*

*Member, ProShare Teleconferencing Project Team, Telecommunications and Information Infrastructure Assistance Program (TIIAP), California University of Pennsylvania, 1997-99*

*Assistant Director, Teacher.Training@Microsoft Project Team, California University of Pennsylvania, 1997-2000*

*Coordinator, Appalachian Technology Education Consortium, Professional Development and Resource Center, California University of Pennsylvania, (US Department of Education-funded Technology Education Demonstration Project), 1990-92*

## **CONSULTING**

*McKeesport High School Advisory Board, 2005-2011*

*Community College of Allegheny County Advisory Board, 2002-2011*

*Pennsylvania Department of Education, Standards Aligned System for Technology Education, 2008-09*

*Science, Technology, Environment and Ecology Assessment Advisory Committee, served as a Member of the Advisory Committee charged with providing the Pennsylvania Department of Education advice, expertise and assistance in developing a science, technology, environment and ecology assessment process for Pennsylvania, 2001-03*

*Governor's Institute for Technology Education, Pennsylvania Department of Education, served as Member of the Planning Team for the Institute, which enhanced the knowledge and skills of 100 technology education and elementary teachers in the state of Pennsylvania, 2007, 2006, 2003 & 2002*

*TECHKnow Project, serving as a Member of the Curriculum Module Writing Team for the project funded by the National Science Foundation and operated in conjunction with the national Technology Student Association (TSA), wrote an instructional module for the TSA Transportation Challenge Competitive Event, Summer, 2001 and Summer, 2002*

## **CONSULTING (continued)**

*Adventures in Technology Teacher Professional Development Modules, Catalyst Connection & Pittsburgh Technology Council*, served as Member of a Development Team for the modules, Summer 2007

*84 Lumber Education Roundtable*, served as a Member of the roundtable meeting at Nemaquin Woodlands Resort to address workforce development needs for the company, July 11-12, 2004

*State System of Higher Education Science and Technology Institutes Project Development Team*, served as a Consultant to the team that will conducted an implementation study and prepared a plan to identify and develop resources to significantly improve the System's ability to offer programs and prepare students in science and technology education by providing instruction, research and service opportunities in these disciplines, visited Rochester Institute of Technology (January 23-26, 2001) and University of Wisconsin-Stout (February 28-April 1, 2001), 2000-2001

*State System Task Force on Science, Advanced Technology, Workforce Development and Implementation Research*, served as Consultant to task force, developed a briefing paper on the status of science, advanced technology, workforce development, implementation research and their curricular implications for the Pennsylvania State System of Higher Education, Summer 1998

### **Reviewer/Curriculum Consultant**

*Community College of Allegheny County Robotics & Manufacturing Technology Program, 2010*

*Community College of Allegheny County Civil Engineering Technology Program, 2009*

*Pennsylvania Department of Education*, reviewer for the bachelor's and master's degrees in Technology Education at Millersville University of Pennsylvania, March 2006

*Educational Testing Service*, served as a Reviewer for the Praxis Technology Education Test, December 2003

*Fort LeBoeuf School District*, Waterford, PA served as Curriculum Consultant to review the Technology Education program, make recommendations for curriculum development, facility renovations and faculty inservice training. October 7, 2002

*Mt. Lebanon School District*, Pittsburgh, PA served as Curriculum Consultant to conduct a review of the Technology Education program, make recommendations for curriculum development, facility renovations and faculty inservice training. May-July 2002, with Bob Dorn and John Kallis

*Governor's Institute for Technology Education, Pennsylvania Department of Education*, served as the Independent Evaluator for the institute, which enhanced the knowledge and skills of 100 technology education and elementary teachers in the state of Pennsylvania, 2000 and 2001

*Pennsylvania Department of Education*, Harrisburg, PA served as a Reviewer of the *Pennsylvania Academic Standards for Science & Technology*, March 1998

*Burgettstown High School*, Burgettstown, PA served as a Reviewer of the Technology Education program, made recommendations for curriculum development, facility renovations and faculty inservice training. March 1998, with Mark Nowak and Joe Pecosh

*Penncrest School District*, Penncrest, PA, served as a curriculum Reviewer and made recommendations to guide the district in making the transition from Industrial Arts to Technology Education, February 1998, with Larry Horath, Mark Nowak, Joe Pecosh and Joe Sanfilippo

***Reviewer/Curriculum Consultant (continued)***

*California Area School District*, California, PA, served as a Coordinator of a graduate assistant in the design and development of a model elementary school level Design and Technology Education program, January-May 1998, with Mark Nowak and John Ohnhaus

*West Greene School District*, Waynesburg, PA, served as a Curriculum Consultant, made recommendations for an Introduction to Engineering course, January 1998 (with John Thompson and Richard Hart)

*Charleroi Area School District*, Charleroi, PA, served as a Curriculum Consultant, conducted a curriculum and facilities review, made recommendations for updating the program, December 1997, with J. Kallis, M. Nowak and J. Sanfilippo

*Southeast Greene High School*, Mapletown, PA, served as a Curriculum Consultant, conducted a review of the Technology Education facilities and assisted in designing renovations, November 1997, with J. Pecosh

*Pennsylvania Department of Education*, Harrisburg, PA, served as a Member of a committee that updated the Standards for Program Approval and Teacher Certification for Technology Education, August 1997

*Seaholm High School*, Birmingham, MI, served as a Member of the Planning Team on the implementation of integrated technology-math statistical process control unit of instruction, Fall 1997

*West Alleghany High School*, served as a Curriculum Consultant, conducted curriculum and laboratory facility review, made recommendations for a prototyping lab, January 1994

*Gateway Area School District*, Monroeville, PA, served as a Curriculum Consultant, conducted program review, made recommendations, conducted staff development and curriculum revision meetings, 1993-94

*State College School District*, State College, PA, served as a Curriculum Consultant to review curriculum and instructional facilities, made recommendations for the implementation of technology education and the design of two new middle school laboratories, March 1993

*National Technology Transfer Center*, Wheeling Jesuit College, Wheeling, WV, served as a Curriculum Consultant to develop curriculum and design instructional facilities; including physical technology lab, control technology lab & CAD/CAM lab, March-April 1993, with G. Bolyard & M. Doyle

*Oregon Museum of Science and Industry*, provided Consultant services and technical assistance on the design of interactive exhibits for the museum's *Engineering for Kids* program, Summer 1992

*Cabell County School District*, served as a Curriculum Consultant to review curriculum and design new laboratory facilities for the high school, June 1992, with G. Bolyard

*North Potter School District*, served as a Curriculum Consultant to review a curriculum and facility renovation plan including recommendations for utilities, furniture, and instructional equipment, April-May 1992, with M. Doyle

*Carmichaels Area School District*, served as a Consultant to teachers and district administrators on the characteristics of technology education, April 15, 1992

*Blackhawk Area School District*, served as a Curriculum Consultant to review the industrial arts program, analyze program strengths and weaknesses, and suggest plans for implementation of technology education, March 1992

### ***Reviewer/Curriculum Consultant (continued)***

*PA Department of Education Student Outcomes Committee for Science and Technology*, invited to serve as a Member of the committee, July 9-10, 1991

*Davis Publications*, Worcester, Mass., served as a Coordinator of a writing team of six authors who developed student learning activities for the third edition of a textbook, summer, 1991

*Project TECH*, California University of Pennsylvania; Developed in-service materials, objectives, and instructional activities faculty professional development in technology education, May-June 1990

*Shaler School District*, Curriculum Consultant review of industrial arts program, conducted a workshop on scope and sequence plan for implementation, May 17 and June 5, 1990

### **PRESENTATIONS**

*Finish Line: A Degree-Completion Campaign*, Pennsylvania Association of Councils of Trustees, Pennsylvania State System of Higher Education, October 17, 2017

*California University's Global Online Division*, Rotary of California, March 17, 2015

*California University's Search for Innovative Strategies in Addressing 21<sup>st</sup> Century Challenges in Higher Education*. International Congress on Trends in Higher Education: Academic Entrepreneurship. Fatih University, Istanbul, Turkey, June 7, 2014 (with G. Jones, B. Barnhart, J. Kallis, A. Sezer, E. Bennelink)

*Culture change starts with self-study: Getting to know ourselves and our needs*. Council on Undergraduate Research Institutionalizing Undergraduate Research Summit for State Systems and Consortia, Alexandria, VA, March 29, 2014 (with S. Arrigo-Nelson)

*Developing Infrastructure to Support Undergraduate Research (poster presentation)*. Council on Undergraduate Research Institutionalizing Undergraduate Research Summit for State Systems and Consortia, Alexandria, VA, March 29, 2014 (with S. Arrigo-Nelson)

*Technology Education and Pennsylvania's Economic and Workforce Development Efforts*, Technology & Engineering Education Association of Pennsylvania Conference, Camp Hill, PA, November 4, 2011

*SPOT (Search Processes, Operations, & Tasks)*, California University Faculty Searches, September 9, 2011

*STEM Smart PA Project*, 2010 STEMtech Conference, November 1, 2010, Walt Disney World Swan and Dolphin, Orlando, FL (w/ Carol Adukaitis)

*Your Success as a Teacher (Panel Facilitator)*, August 24, 2010 during California University New Faculty Orientation (w/ T. Mueller, E. Sweitzer & R. Wyman)

*How to Focus on the T&E of STEM*, 2010 Southwest Regional STEM Conference, Penn State Beaver, Monaca, PA, February 3, 2010

*STEM Smart PA Activities Lead to National Recognition*, Technology Education Association of Pennsylvania Conference, Camp Hill, PA, November 5, 2009 (with Carol Adukaitis and Barry David)

*Technology Education Teachers in Demand*, Technology Education Association of Pennsylvania Conference, Camp Hill, PA, November 5, 2009



## **PRESENTATIONS** (continued)

*STEM Smart PA Project Achieves National Recognition, Conference on Integrated Learning, Penn State Conference Center & Hotel, November 3, 2009 (with Carol Adukaitis)*

*Technology Activities that Create "Buzz" and Engage Students, Pennsylvania Career & Technical Education Conference, Seven Springs, June 25, 2009*

*Robotics Workforce Leadership Project, Pennsylvania Workforce Investment Board Symposium, Penn State University, June 9, 2009*

*STEM Learning for Workforce Pathways, Central Pennsylvania STEM Network Advisory Board, Penn State University, May 1, 2009*

*Successful STEM Activities that Recruit Students for High Priority Occupations, Preparing Students for the Workforce of Tomorrow: An Education & Workforce Symposium, Hershey Lodge and Convention Center, February 11, 2009 (with Carol Adukaitis & Lori Smith-Mitchell)*

*Student-Center STEM Activities that Attract Females and Minorities and Create 'buzz' in the Classroom, 2008 Integrated Learning Conference, Penn State University, November 13, 2008 (with Carol Adukaitis and Phil DiFilippo)*

*Generating 'buzz' with STEM Activities, 2008 Technology Education Association of Pennsylvania Conference, Camp Hill, PA, November 7, 2008 (with Carol Adukaitis and Phil DiFilippo)*

*Advanced Manufacturing: Establishing Foundations for Education and Career Pathways Showcase Presentation during the 2008 NSF ATE Principal Investigators Conference, Omni Shoreham Hotel & Convention Center, Washington, DC, October 31, 2008*

*2+2+2 Robotics Technology Workforce Project Poster Session Presentation during the 2008 Pennsylvania Workforce Investment Board Symposium, Penn State Hotel & Convention Center, Penn State University, June 25, 2008*

*Manufacturing a Workforce 2008 American Society for Engineering Education Conference, David L. Lawrence Convention Center, Pittsburgh, PA, June 24, 2008 (with Carol Adukaitis)*

*Steps Along a Robotics Technology Career Pathway, 2008 American Society for Engineering Education Conference, David L. Lawrence Convention Center, Pittsburgh, PA, June 24, 2008 (with David Landis, Carol Adukaitis, & Robin Shoop)*

*STEM Activities that Create "Buzz", Pennsylvania Partners Conference, Hershey Lodge and Convention Center, May 9, 2008 (with Carol Adukaitis & Lori Smith-Mitchell)*

*Advanced Manufacturing in Pennsylvania: A NSF ATE Project, International Technology Education Association Conference, Salt Lake City, UT, February 21, 2008*

*Successful STEM Activities that Create "Buzz" for Students, Preparing Students for the Workforce of Tomorrow: An Education and Workforce Development Symposium, Hershey Lodge and Convention Center, February 5-6, 2008 (with Carol Adukaitis)*

*Advanced Manufacturing in PA Project, 2007 Technology Education Association of Pennsylvania Conference, Camp Hill, PA, November 9, 2007 (with Carol Adukaitis and Josh Cramer)*

## **PRESENTATIONS** (continued)

- Robotics Projects at California University, 2007 Technology Education Association of Pennsylvania Conference, Camp Hill, PA, November 8, 2007 (with Mike Donohoe, Mike Amrhein, and Jeff Sumey)*
- STEM- Where the Jobs Are, 2007 Technology Education Association of Pennsylvania Conference, Camp Hill, PA, November 9, 2007*
- Successful School-Based and Work-Based STEM Activities that Create 'Buzz' for Students, Conference on Integrated Learning: The School-to-Career Connection, Penn Stater Conference Center, November 6, 2007 (with Carol Adukaitis)*
- Recruiting and Retaining Students in Advanced Manufacturing Careers Using STEM Activities that Create "Buzz", National Science Foundation ATE Principal Investigators Conference, Washington, D.C., October 19, 2007 (with Carol Adukaitis, Beth Ann Haas, John Sandrene & Lori Smith-Mitchell)*
- 2+2+2 Robotics Technology Workforce Development, Robotics Educators Conference, Butler County Community College, Butler, PA, August 16, 2007 (with Carol Adukaitis, Randy Bish, Dave Landis & Mike Dischner)*
- Building Upon Our Success-What Lies Ahead for the Region? Member of the K-12 Education Panel Discussion, Pittsburgh STEM Summit 2007, Omni William Penn Hotel, Pittsburgh, PA, August 15, 2007*
- Advanced Manufacturing in Pennsylvania Contributes to STEM Development Pittsburgh STEM Summit 2007, Omni William Penn Hotel, Pittsburgh, PA, August 15, 2007 (with Carol Adukaitis)*
- National Science Foundation Project-Advanced Manufacturing in Pennsylvania Pennsylvania Career & Technical Education Conference, Seven Springs Mountain Resort, June 28, 2007 (with John Sandrene & Dan Ference)*
- Advanced Manufacturing in Pennsylvania-Project Activities, National Visiting Committee Meeting, Pennsylvania State System of Higher Education, Harrisburg, PA, June 1, 2007*
- 2+2+2 Robotics Technology Program, McKeesport Area Technology Center Executive Advisory Meeting, May 18, 2007*
- Advanced Manufacturing: Establishing Foundations for Education and Career Pathways from Middle School through College PA Partners 23<sup>rd</sup> Annual Conference: The Road to Success: Partnerships Make the Difference, Hershey, PA, May 9, 2007 (with Lori Smith-Mitchell & Carol Adukaitis)*
- Research Projects in Technology-Academic Excellence Day 2007, California University of Pennsylvania, May 1, 2007*
- Advanced Manufacturing in Pennsylvania NSF ATE Project-Focusing on College and Career Success: An Education and Workforce Development Symposium, Hershey, PA, February 27, 2007 (with Beth Ann Haas, Lori Smith-Mitchell, John Sandrene)*
- California University in the High School Proposal, presented to the PASSHE Presidents Council, Harrisburg, PA, February 7, 2007 (with Angelo Armenti, Barb Crofcheck, Sean Madden, Deb Grubb, Laura Tuennerman)*

## **PRESENTATIONS** (continued)

- Establishing Foundations for Education and Career Pathways in Advanced Manufacturing, Advanced Manufacturing Career Collaborative Winter Meeting*, Westinghouse Technology Center, Monroeville, PA, February 8, 2007 (with Carol Adukaitis, John Sandrene, Dan Ference)
- 2+2+2 Robotics Workforce Leadership Project* presentation during the Fifteenth Annual Conference on Integrated Learning: The School-to-Career Connection, Bureau of Career and Technical Education, Penn State University, November 6, 2006 (with Kathryn Bamberger, Dave Landis, and Julia Stewart)
- Advanced Manufacturing-Career Pathways* presentation during the 2006 Technology Education Association of Pennsylvania Conference, Camp Hill, PA, November 3, 2006 (with Carol Adukaitis and Barry David)
- 2+2+2 Robotics Workforce Leadership Project* presentation during the 2006 Technology Education Association of Pennsylvania Conference, Camp Hill, PA, November 2, 2006 (with Carol Adukaitis, Randy Bish, and Mike Dischner)
- 2006 Governor's Institute for Technology Education (GITE)* presentation during the 2006 Technology Education Association of Pennsylvania Conference, Camp Hill, PA, November 2, 2006 (with Dan Engstrom and Katherine Weber)
- Identifying Programs, Methods, and Tools Students Need to Master STEM*, chair/moderator for Roundtable #5 during STEM Talent Development Forum: Setting the State for U.S. Competitiveness through Science-Technology-Engineering-Math Education, Philadelphia, PA, June 27, 2006
- Publishing an Article in The Technology Teacher*, presentation during the 2006 International Technology Education Association Conference, Baltimore Convention Center, Baltimore, MD, March 24, 2006
- Robotics Education for Pennsylvania's Agile Robotics Technology Workforce*, presentation at the Focusing on Quality in Education and Workforce Development, Hershey Convention Center, March 2, 2006
- Articulation Agreements for Baccalaureate Degree Pathways in Nanotechnology*, presentation during the Winter Nanofabrication Manufacturing Technology Partners Conference, Nittany Lion Inn and Conference Center Hotel, University Park, PA, February 20, 2006
- Nanotechnology-Related Baccalaureate Degree Programs in the PA State System of Higher Education*, presentation during the Winter Nanofabrication Manufacturing Technology Partners Conference, Nittany Lion Inn and Conference Center Hotel, University Park, PA, February 17, 2005
- Pathways to PA State System of Higher Education Bachelor Degree Programs for NMT Associate Degree Graduates*, presentation during the Fall Nanofabrication Manufacturing Technology Partners Conference, Penn Stater Conference Center Hotel, University Park, PA, October 7, 2004
- Technology Education at California University of Pennsylvania*, presentation to 20 high school students from Philadelphia as part of the Cal U Philadelphia Summer Academy, June 23, 2004
- Nanotechnology Education in Pennsylvania*, presentation at The Business of Nano: Pennsylvania Nanotechnology Conference, Philadelphia Convention Center, May 25, 2004
- Nanotechnology Minor Proposal*, presentation to the State System of Higher Education Chief Academic Officers Meeting, Dixon University Center, Harrisburg, PA, March 12, 2004

## ***PRESENTATIONS (continued)***

*Upper Division Undergraduate Nanotechnology Education*, Served as Moderator on a Panel Presentation by Anura Goonewardene, Lock Haven University; Martha Aynardi, Penn State Berks Lehigh Valley College; and Nancy Herron, Penn State University during the Nanofabrication Manufacturing Technology Partners Conference, Penn Stater Conference Center Hotel, University Park, PA, March 8, 2004

*Bachelor Degree Program Pathways in the Pennsylvania State System of Higher Education Universities*, presentation at Leadership in Nanotechnology in Education: 6<sup>th</sup> Annual Conference of the Pennsylvania Nanofabrication Manufacturing Technology Partnership, Hershey Lodge and Convention Center, October 16, 2003

*NMT Funding and Program Development for the Pennsylvania State System of Higher Education: Presentation to the PA-Collaborative on Applied Nanotechnology*, presentation at the Leadership in Nanotechnology in Education: 6<sup>th</sup> Annual Conference of the Pennsylvania Nanofabrication Manufacturing Technology Partnership, Hershey Lodge and Convention Center, October 16, 2003

*Applied Engineering and Technology: History, Degree Programs and Facilities*, presentation to the Washington County Manufacturers Association Meeting, California University, California, PA, October 2, 2003

*NMT Bachelor Degree Pathways in the Pennsylvania State System of Higher Education*, presentation at the Nanotechnology Undergraduate Education Upper Division Programs Meeting, Nittany Lion Inn, Penn State University, California University, August 27, 2003

*Nanofabrication Degree Programs*, served as moderator for a panel presentation during the Pennsylvania Nanofabrication Manufacturing Technology Partnership Winter Conference, Penn Stater Conference Center Hotel, Penn State University, February 23-25, 2003

*Nanofabrication Manufacturing Technology Concentrations in State System Baccalaureate Degree*, presentation to the State System Chief Academic Officers Meeting, Harrisburg, November 22, 2002, with Al Hoffman

*Web-Supported and Email-Intensive Instruction*, poster session for the Excellence and Electronic Learning portion of Academic Excellence Day 2002, California University of Pennsylvania, October 24, 2002

*Baccalaureate Degrees for Nanofabrication Manufacturing Technology in the State System of Higher Education*, Nanofabrication Manufacturing Technology Conference, Harrisburg, PA, October 4, 2002

*Bachelor Degree Concentrations and Transfer Options at State System Universities for Nanofabrication Manufacturing Technology* Nanofabrication Manufacturing Technology Partnership Conference, Penn State University, April 30, 2002

*Nanofabrication Manufacturing Technology Bachelor Degree Concentration in Industrial Technology*, Nanofabrication Manufacturing Technology Conference, State System of Higher Education, April 2, 2002 (with L. Colelli)

*Nanofabrication Manufacturing Technology Partnership Project*, State System of Higher Education Chief Academic Officers Meeting, Dixon University Center, December 7, 2001

*Introduction to Effective Leadership Qualities*, Council for Leadership Forum, Technology Education Association of Pennsylvania Conference, November 5, 1999

*Recruitment and Retention Plan for Technology Education*, International Technology Education Association Conference, March 1999, (with M. Nowak)

## **PRESENTATIONS** (continued)

*Technology 21*, Technology Education Association of Pennsylvania Conference, November 6, 1998

*Career Opportunities in Applied Engineering & Technology*, Pennsylvania Technology Student Association Summer Leadership Conference, Bucknell University, July 15, 1998

*WANTED: Technology Education Teachers*, Technology Education Association of Pennsylvania Conference, November 7, 1997, with M. Nowak

*Industry and Technology Programs at California University*, Technology Education Association of Pennsylvania Conference, November 7, 1997, with M. Bronakowski, J. Kallis & M. Nowak

*Desktop Video Conferencing*, 30<sup>th</sup> Annual Spring Conference, Department of Industry & Technology, California University of Pennsylvania, April 10, 1997, with D. Arnold

*Presenting the TEAP Elementary School Design & Technology Education Guide*, Technology Education Association of Pennsylvania Conference, November 8, 1996, with J. McCade

*Video Conferencing using Intel ProShare*. 29<sup>th</sup> Annual Spring Conference, Department of Industry & Technology, California University of Pennsylvania, March 28, 1996, with J. Kallis

*TEAP's High School Curriculum Implementation Guide*, Technology Education Association of Pennsylvania Conference, November 3, 1995, with R. Weymer

*Transportation: A Comprehensive Curriculum for Technology Education*. International Technology Education Association Conference, Nashville, TN, March 27, 1995

*Technology Education Primer*, Pennsylvania Science Teachers Conference, Pittsburgh, PA December 2, 1994

*Presenting the TEAP High School Curriculum Guide*, Technology Education Association of Pennsylvania Conference, Camp Hill, PA November 4, 1994, with R. Weymer

*Challenges of Technology Education*, EPT Banquet, Psi Chapter, California University of PA, April 29, 1994

*Envisioning Labs: Alternative Learning Environments for Technology Education*, International Technology Education Association Conference, Kansas City, MO, March 21, 1994, with G. Bolyard & M. Doyle

*Technology Education Placement*, PA-TSA Regions 1 & 6 Leadership Conference, California, PA, March 4, 1994

*TEAP High School Curriculum Guide: First Draft*, Technology Education Association of Pennsylvania Conference, Camp Hill, PA November 7, 1993

*Integrating Transportation and Physical Science*, Technology Education Association of Pennsylvania Conference, Camp Hill, PA November 8, 1993

*Envisioning Labs: Alternative Learning Environments for Technology Education*, Technology Education Association of Pennsylvania Conference, Camp Hill, PA November 8, 1993

*An Innovative Problem Solving Laboratory Designed for Conceptual Learning*, International Technology Education Association Conference, Charlotte, NC, April 21, 1993, with G. Bolyard & M. Doyle

## **PRESENTATIONS** (continued)

*Concept-Based Modules Integrating Technology, Math and Science*, International Technology Education Association Conference, Charlotte, NC, April 21, 1993

*Lifting Forces from Airfoils*, International Technology Education Association Conference, Technology Festival, Charlotte, NC, April 21, 1993

*Technology Modules for Teachers*, Spring Technology Conference, Department of Industry and Technology, California University of Pennsylvania, April 15, 1993, with G. Hider

*The Role of Technology Education*, "New Minds for New Worlds" Seventh Regional Science, Technology, and Society Symposium, Carnegie Museum of Art Theater, Pittsburgh, PA, March 5, 1993

*Problem Solving in Transportation*, Technology Education Association of Pennsylvania Conference, Camp Hill, PA November 6, 1992

*Instructional Modules to Integrate Technology/Math/Science*, Technology Education Association of Pennsylvania Conference, Camp Hill, PA November 6, 1992

*The Appalachian Technology Education Consortium's Technology, Mathematics, and Science Modules*, Technology Education Association of Pennsylvania Conference, Camp Hill, PA November 5, 1992

*The Technological Problem Solving Method Applied to Transportation*, Technology Education Symposium XIV, Millersville University of Pennsylvania, October 9, 1992, with G. Bolyard

*Technology/Math/Science Modules for Manufacturing and Construction*, Spring Technology Conference, Department of Industry and Technology, California University of Pennsylvania, April 23, 1992

*ATEC Technology Education Demonstration Project*, International Technology Education Association Conference, Minneapolis, MN, March 25, 1992, with G. Cowles, P. DeVore, G. Bolyard, G. Hider, P. Kuforiji, B. Lubak, D. McCrory, K. Norwood, B. Penfold, M. Roberts, & D. Tryon

*Exploring Technology: A Useful Curriculum Guide from West Virginia*, International Technology Education Association Conference, Minneapolis, MN, March 25, 1992, with A. McDaniel

*Transition from Industrial Arts to Technology Education*, Technology Education Association of Pennsylvania Conference, Camp Hill, PA November 8, 1991

*Lightwave Communication*, Technology Education Association of Pennsylvania Conference, Camp Hill, PA November 8, 1991, with D. London

*Building and Analyzing Beams, Trusses & Geodesic Domes*, Technology Education Association of Pennsylvania Conference, Camp Hill, PA November 8, 1991, with G. Hider, M. Roberts, G. Cowles, and D. London

*Problem Solving Activities for Transportation*, Technology Festival, Technology Education Association of Pennsylvania Conference, Camp Hill, PA November 8, 1991

*Hands-On Activities for Construction Technology*, Pennsylvania Vocational Education Conference, Lancaster, PA June 24, 1991

*Integrating Content: Technology Education*, Cooperating Teacher Training Workshop, California University of Pennsylvania, California, PA, June 12, 1991

## **PRESENTATIONS** (continued)

- Construction Activities, Technology Festival-International Technology Education Association Conference*, Salt Lake City, UT, March 18, 1991
- Students Learn by Doing: Innovative Activities for Your Classroom; Construction, Action Lab- International Technology Education Association Conference*, Salt Lake City, UT, March 20, 1991, with P. DeVore
- Hands-On Activities for Construction Technology, Technology Education Association of Pennsylvania Conference*, Camp Hill, PA, November 9, 1990, with J. Hester
- The Learning Environment for Transportation Technology Education, Technology Education Symposium XII: The Teaching and Learning Environment*, Central Connecticut State University, New Britain, CT, November 2, 1990, with G. Bolyard
- Using the Exploring Technology Curriculum Guide, West Virginia Technology Education Conference*, Charleston, WV, August 14, 1990
- Concepts in Construction Technology, Action Lab-International Technology Education Association Conference*, Indianapolis, IN, April 3, 1990
- Activities and Projects for Technology Education: Transportation. Technology Festival-International Technology Education Association Conference*, Indianapolis, IN, April 3, 1990
- Meeting the Challenge of Technology Education, Massachusetts Technology Education Conference*, Keynote Address, Worcester, MA, January 26, 1990

## **PUBLICATIONS**

- Editor, *EMP eNews*, periodic e-newsletter for Enrollment Management Planning, California University of Pennsylvania, 2016-2017
- Editor, *Academic Affairs News*, Provost's quarterly newsletter, California University of Pennsylvania, 2009-2012
- Editor, *Faculty Handbook*, California University of Pennsylvania, 2009-2012
- Editor, *Guide to Faculty Searches*, California University of Pennsylvania, 2010-2012
- Editor, *TEEAP Journal*, served as editor of this quarterly publication, which is the official journal of the Technology & Engineering Education Association of Pennsylvania, 1995-2011
- Editor, *Faculty Scholarship in Liberal Arts: 2005-2010*, California University of Pennsylvania, 2010-2011
- Komacek, S. A. & Adukaitis, C. (2008). *Manufacturing a Workforce Proceedings of the 2008 American Society for Engineering Education Conference*, June 22-25, 2008
- Komacek, S. A., Landis, D., Adukaitis, C., & Shoop, R. (2008). *Steps Along a Robotics Technology Career Pathway 2008 American Society for Engineering Education Conference*, June 22-25, 2008
- Komacek, S. A.; Adukaitis, C.; & Moore, C. (2007). *Work Paths: NSF Project Recruits Students for Careers in Advanced Manufacturing Sectors Technology-Entrepreneurship-Quality*, Volume 13, Number 5, 2007

**PUBLICATIONS** (continued)

- Komacek, S. A.; Adukaitis, C.; David, B.; Moore, C.; & Agnew, S. (2007). National Science Foundation Project Recruits Students for Advanced Manufacturing Careers PA Manufacturer, Volume 5, Number 2, 2007
- Komacek, S. A., (2007). STEM: Where the Jobs Are! *TEAP Journal*, Fall, 55(2)
- Komacek, S. A., Adukaitis, C. & David, B. (2006). Advanced Manufacturing Project, *TEAP Journal*, Fall, 54(3)
- Komacek, S. A., (1999). Wanted! Women in Technology! *TEAP Journal*, Summer, 47(2)
- Komacek, S. A., & McCade, J. (Eds.). (1996). *Technology Awareness: Technology Education in the Elementary School*. Harrisburg, PA: Technology Education Association of Pennsylvania
- Komacek, S. A., & Weymer, R. A. (Eds.). (1995). *Technology Education: A High School Level Performance-Based Curriculum Implementation Guide for Pennsylvania*. Harrisburg, PA: Technology Education Association of Pennsylvania
- Komacek, S. A. (1995). Transportation Technology Education. In Martin, E. (Ed.) *Foundations of Technology Education: 44<sup>th</sup> Yearbook of the Council on Technology Teacher Education*. Mission Hills, CA: Glencoe Publishing Co.
- Komacek, S. A. (1994). Construction in High School Technology Education. In Henak, R. & Wescott, J. (Eds.) *Construction Technology Education: 43<sup>rd</sup> Yearbook of the Council on Technology Teacher Education*. Mission Hills, CA: Glencoe Publishing Co.
- Komacek, S. A., & Bolyard, G. (1993). The technological problem-solving method applied to transportation. In Litowitz, L. & McCade, J. (Eds.). *Proceedings of Technology Symposium XIV: Teaching Content versus Problem Solving*. Millersville, PA: Millersville University of Pennsylvania
- Komacek, S. A. (1993). *Transportation Activity Guide: Designing, Producing, Testing, Analyzing*. Uniontown, PA: S. Komacek Publications
- Komacek, S. A. (1992). Marine Transport: Technology with Tradeoffs. *TIES Magazine*. 4(5), 14-21. Philadelphia, PA: Drexel University
- Komacek, S. A., London, D., & Suppo, C. (1992). Student-Built Tester Simulates Helicopter Lift Functions. *School Shop: Tech Directions*. 51(9), 18-19. Ann Arbor, MI: Prakken Publications
- Komacek, S. A. (1992). The Technology Education Systems Approach. In Gilberti, A. F. & Horton, A. C., (Eds.) *Integrating Technology, People and the Environment*. (pp. 9-15). Reston, VA: International Technology Education Association
- Komacek, S. A. & Wright, J. R., (Eds.) (1992). *Transportation in Technology Education: 41<sup>st</sup> Yearbook of the Council on Technology Teacher Education*. Mission Hills, CA: Glencoe Publishing Co.
- Komacek, S. A. (1992). Transportation Technology Education: Rationale, Structure and Content. In Komacek, S. A., & Wright, J. R. (Eds.) *Transportation Technology Education: 41<sup>st</sup> Yearbook of the Council on Technology Teacher Education*. (pp. 33-70). Mission Hills, CA: Glencoe Publishing Co.
- Komacek, S. A., & Bolyard, G. (1992). The Learning Environment for Transportation Technology Education. In Komacek, S. A., & Wright, J. R. (Eds.) *Transportation Technology Education: 41<sup>st</sup> Yearbook of the Council on Technology Teacher Education*. (pp. 223-240). Mission Hills, CA: Glencoe Publishing Co.



**PUBLICATIONS** (continued)

- Komacek, S. A. (1992). *Production Technology*. Albany, NY: Delmar Publishers
- Komacek, S. A., & Gorman, P. S. (1992). Geodesic Domes: Integrating Mathematics with Technology Education, *The Technology Teacher*, 51(7), 17-21, Reston, VA: International Technology Education Association
- Komacek, S. A. (1992). Teaching Transportation Technology, *School Shop: Tech Directions*, 51(6), 15-17, Ann Arbor, MI, Prakken Publications
- Komacek, S. A. (1992). *Teacher's Resource Book for Production Technology*, Albany, NY: Delmar Publishers
- Komacek, S. A. (1992). A Design Brief: Vehicle Control, *TEAP Journal*, 40(1), 14-17, Technology Education Association of Pennsylvania
- Komacek, S. A. (1991). Balloon Guideway System, in TEAP Curriculum Committee. *Technology Education in Pennsylvania: Middle School Curriculum Guide*, Technology Education Association of Pennsylvania
- Komacek, S. A., Salvo, S., & Suppo, C. (1991). Systems Approach Demonstration, in TEAP Curriculum Committee, *Technology Education in Pennsylvania: Middle School Curriculum Guide*, Technology Education Association of Pennsylvania
- Komacek, S. A. (1991). Technology Education Demonstration Project, *LASER: Newsletter of the Pittsburgh Regional Center for Science Teachers*, 8(3), Spring
- Komacek, S. A. (1991). California University's Technology Education Demonstration Project, *TEAP Journal*, 39(2), May, Technology Education Association of Pennsylvania
- Module development coordinator, editor and author on the following concept-based STEM education instructional modules for the Appalachian Technology Education Consortium's U.S. Department of Education-funded Technology Education Demonstration Project, 1990-1992:
- |  |  |
|--|--|
| <i>Behavior of Spanning Structures</i>             | <i>Push vs. Pull Production</i>                              |
| <i>Lifting Forces from Airfoils</i>                | <i>Statistical Process Control</i>                           |
| <i>Flight Control through Surface Alterations</i>  | <i>Magnetic Levitation Vehicles</i>                          |
| <i>Strength-to-Weight Ratios of Geodesic Domes</i> | <i>Acoustical Communication through Lightwave Modulation</i> |
- Komacek, S. A. (1991). *Teacher's Resource for Manufacturing Technology*, Albany, NY: Delmar Publishers
- Komacek, S. A. & Bolyard, G. (1990). The Learning Environment for Transportation Technology Education. In Tracey, W. and Larkin, J. (Eds.). *Proceedings of Symposium XII: Technology Education: The Teaching and Learning Environment*. New Britain, CT: Central Connecticut State University
- Komacek, S. A., Lawson, A., & Horton, A. (1990). *Manufacturing Technology*. Albany, NY: Delmar Publishers
- Komacek, S. A., Horton, A., Thompson, B., Wright, P. (1990). *Exploring Construction Systems: Designing, Engineering, Building*. Worcester, MA: Davis Publications
- Komacek, S. A. (1990). Monorail Vehicles, In Bolyard, G. (Ed.). *West Virginia Transportation TARGET Activities*, Charleston, WV: WV Department of Education.

## **PUBLICATIONS** (continued)

Komacek, S. A., Pechart, R. & Hoffmann, D. (1990). A Tribute to Transportation, In Lucy, J. H. (Ed.), *Elementary School Technology Education Classroom Activities: Packet 1*. Reston, VA: Technology Education for Children Council of the International Technology Education Association

Komacek, S. A. (1990). *Exploring Technology: Middle/Junior High School Technology Education Curriculum Guide*, Charleston, WV: West Virginia Department of Education

## **WORKSHOPS**

*Transition to Faculty Leadership: The Challenges of Chairing a Department*, Invited Panel Member, Indiana University of Pennsylvania, May 20, 2015, PASSHE Academic Chairs Conference

*Engagement Focused Fundraising: A Whole Shop Approach*, completed training workshop at California University of Pennsylvania, May 13, 2015

*Ruffalo Noel Levitz Enrollment Management*, completed training webinar online, November 13, 2014

*Integrating Undergraduate Research into Faculty Workload and Tenure and Promotion Guidelines*, completed the National Science Foundation-funded Council on Undergraduate Research advanced topical workshop on at The College of New Jersey from October 3-5, 2014, w/ Barb Hess, Gregg Gould, Jennifer Wilburn

*Preventing Discrimination, EEO Laws and Discrimination, EEO Laws – Supervisor Supplement, Clery Act, and Unlawful Harassment Prevention* – completed these online social equity training programs at California University of Pennsylvania, Fall 2014

*New Deans Institute of the Council of Graduate Schools*, completed the workshop July 11-12, 2014, Portland, OR

*Deans/Provost Retreat*, completed the one-day training, June 23, 2014 SAI Farm

*Web-based Catalog Management*, completed training workshop at California University of Pennsylvania, February 22, 2013

*Title IX Awareness and Violence Prevention for Faculty and Staff*, completed training at California University of Pennsylvania, January 29, 2013

*FEMA Emergency Management Institute IS-00100.he Introduction to the Incident Command System, ISC-100 for Higher Education*, completed online workshop, November 26, 2012

*Institutionalizing Undergraduate Research*; completed a three-day workshop by the Council on Undergraduate Research, Pennsylvania State System of Higher Education, Harrisburg, PA, September 28-30, 2012

*Academic Leadership Academy 2012-2013*; completed a five-day workshop (June 24-28, 2012) and a virtual series during the 2012-13 academic year offered by Penn State University, University Park, PA

*Investigations Training: Legal and Practical Implications of the Campus Investigation*, completed a two-day workshop by the Pennsylvania State System of Higher Education, Edinboro University, October 4-5, 2011

*National Science Foundation Funding Opportunities*, completed a one-day workshop offered by National Science Foundation & Indiana University of Pennsylvania, Indiana, PA, September 21, 2011

## **WORKSHOPS** (continued)

*Second Generation of Unlawful Harassment & Discrimination Claims*, completed a workshop, California University of Pennsylvania, September 16, 2011

*Banner Training*, completed a workshop, California University of Pennsylvania, August 15, 2011

*PACollegeTransfer.com Faculty & Advisor Training*, completed an online webinar, January 13, 2011

*Webinar for Standards Align System Resource Evaluators*, completed an online webinar, Pennsylvania Department of Education, September 13, 2010

*Making the Most of CollegeTransfer.net*-completed a webinar offered by AcademyOne, January 14, 2010

*Franklin-Covey 4 Disciplines of Execution*-completed a one-day workshop offered by California University of Pennsylvania, January 12, 2010

*Workforce Training for Deans & Managers*-completed a one-day workshop offered by the Pennsylvania State System of Higher Education, January 5, 2010

*Blackboard Teaching and Learning Online Certification*-completed a six-week certification workshop through Blackboard Incorporated, Fall2009

*PeopleAdmin Training*-completed a one-day workshop, California University of Pennsylvania, September 4, 2009

*Exploring Comprehensive Design and Product Lifecycle Management*-completed a two-day workshop at Butler County Community College, June 16-17, 2009

*Autodesk Boot Camp*-organized a one-week workshop at California University for 25 high school teachers, June 2008 & 2009 (with Larry Horath)

*Technology Design*-completed a one-day workshop conducted by Engineering-by-Design during the International Technology Education Association Conference, March 25, 2009

*LiveText Portfolio Assessment*-completed a workshop conducted by the Secondary Education Department at California University, March 4, 2008

*Engineering by Design Assessment*-completed a one-day workshop at during the International Technology Education Association Conference, February 20, 2008

*Making Money Presentations*-organized a half-day workshop at California University with New Century Careers to train four graduate assistants to conduct hands-on presentations in regional middle schools, January 25, 2008

*Employee Payroll & Benefits Self-Service Training*- completed a workshop offered by the California University payroll department, January 15, 2008

*Managing Your Grant's Deliverables, Schedule, and Budget*- completed a one-day workshop offered during the NSF ATE Principal Investigators Conference, Washington, DC, October 17, 2007

*CATTS Engineering by Design*- facilitated a one-day workshop for 26 teachers, Allegheny County Intermediate Unit, South Park High School, October 8, 2007, with Bill Bertrand, PA Department of Education

## **WORKSHOPS** (continued)

*F1 Teacher Training Workshop*– facilitated a one-day workshop for six teachers in the Advanced Manufacturing in Pennsylvania grant project, California University, January 19, 2007

*Getting Started: Principal Investigators Workshop*–completed a one-day workshop for principal investigators, National Science Foundation Advanced Technological Education Conference, Washington, DC, October 18, 2006

*California University in High School Summer Institute*–conducted a one-day institute for teachers approved for the Cal U in High School program, California University, June 21, 2006 and September 18, 2006

*Stamping Lithography and Self-Assembly Nano Modules*–participated in a workshop conducted by the Pennsylvania Collaborative for Applied Nanotechnology, Shippensburg University, March 25, 2006

*DNA Self-Assembly and Brownian Motion Nano Modules*–participated in a workshop conducted by the Pennsylvania Collaborative for Applied Nanotechnology, Lock Haven University, February 18, 2006

*Implementing Nanotechnology in the Secondary Classroom*–participated in a one-day workshop conducted by the Center for Nanotechnology Education and Utilization, Penn State University, November 15, 2005

*Manufacturing Career Awareness* –participated in a half-day workshop conducted by the Advanced Manufacturing Career Collaborative, Western Area Career & Technology Center, October 5, 2005

*Internship Workshop*–participated in a workshop conducted by the California University Internship Office, California University, October 3, 2005

*Blackboard I & II*–participated in an all-day workshop conducted by the California University Faculty Professional Development Committee, California University, May 12, 2005

*Implementing Nano Modules*–participated in a workshop conducted by the Pennsylvania Collaborative for Applied Nanotechnology, Lock Haven University, April 9, 2005

*Workshop for Transfers Students*–conducted a workshop for students during the Westmoreland County Community College Transfer Day, Youngwood, PA, March 30, 2005

*Nu-Relm Web Page Content Management Training*–completed the training workshop conducted by California University Webmaster Christine Russell, February 9, 2005

*California University in High School Summer Institute*–conducted a one-day institute for teachers approved for the Cal U in High School program, California University, June 21, 2004

*Leadership Institute*–completed the instituted conducted by the Pennsylvania State System of Higher Education, Dixon University Center, Harrisburg, PA, May 20, 2004

*Nanotechnology Workforce Development Focus Group*–participated in a three-hour meeting with Gary Evans and Michael Gulli, from ANGLE Technology Group, who was hired by the PA Department of Community and Economic Development to create a nanotechnology strategy for the state, Penn State University, March 24, 2004

*Prior Learning Assessment*–participated in a two-hour introduction to the California University Prior Learning Assessment program, February 27, 2004

## **WORKSHOPS** (continued)

*Educational Conference-participated* in a half-day workshop on Chapter 354 and Admission to Teacher Education requirements that was attended by regional community college representatives, California University, February 13, 2004

*SAP Training-completed* a one-hour workshop on using the SAP budget system, California University, December 4, 2003

*On-Course Degree Audit Workshop-completed* a two-hour workshop on using the On-Course Degree Audit system provided by Academic Records, California University, October 21, 2002

*Structure Design, Engineering and Testing: Curriculum and Instruction-conducted* a one-day workshop for 20 teachers on curriculum and instructional strategies for middle and high school technology education courses focusing on structural design, engineering and testing, University of Southern Maine Technology Teacher Enhancement Center, September 27, 2002

*Hands-on Overview of Nanofabrication Processing-participated* in a three-day workshop on nanofabrication manufacturing processing in the nanofabrication clean-room facility, Penn State University, May 1-3, 2002

*Let's Talk About Overload-completed* a two-hour workshop on overload provided by Margaret Miller, Payroll, California University, February 5, 2002

*Telecommunications Policy Advisory Commission, Technical Education and Workforce Development Winter Summit -participated* in a one-day summit meeting by the City of Philadelphia as part of the Nanotechnology/Biotechnology Focus Session, Philadelphia, Pennsylvania, January 31, 2002

*Faculty Workshop for Continuous Program Improvement-completed* a two-day workshop conducted by the Accreditation Board for Engineering and Technology with the California University Electrical Engineering Technology faculty and Eberly College of Science and Technology Dean, Baltimore, Maryland, January 26-27, 2002

*Structure Design, Engineering and Testing: Curriculum and Instruction-conducted* a one-day workshop for 20 teachers on curriculum and instructional strategies for middle and high school technology education courses focusing on structural design, engineering and testing, University of Southern Maine Technology Teacher Enhancement Center, September 28, 2001

*Effective Schools-participated* in a workshop conducted by William Daggett on effective schools, Summit Inn, Uniontown, PA May 23, 2001

*WebCT Workshop-completed* a one-day workshop on using WebCT software for online courses, California University, May 17, 2001

*ProDesktop Modeling Software Training-coordinated* a training session conducted by Dr. John Hutchinson, College of New Jersey, on the use of ProDesktop modeling software. Two Cal U professors and ten high school CAD teachers participated in the training session, April 28, 2001

*Advanced FrontPage Training-completed* a two-day training session on advanced concepts related to FrontPage web-publishing software at California University, April 24 & 26, 2001

*Basic FrontPage Training-completed* a two-day training session on basic concepts related to FrontPage web-publishing software at California University, April 16 & 18, 2001

## **WORKSHOPS** (continued)

*Technology Education Standards: How Should Teacher Education Respond?*-participated in a training workshop conducted by the Council on Technology Teacher Education at the International Technology Education Association Conference in Atlanta, GA, March 24, 2001

*Voice Mail Training*-completed a training session focused on implementing the new voice mail system at California University, November 29, 2000

*Ford Academy of Manufacturing Sciences Workshop*-participated in a workshop conducted by the Pittsburgh Technology Council and the Southwestern Pennsylvania Industrial Resource Center, Greensburg, PA November 12, 2000, with L. Colelli

*SIS Training*- completed two training sessions focused on implementing the new SIS registration system at California University, October 31, 2000

*Collaborative for Excellence in Teacher Preparation- Pennsylvania*-participated in a one-week workshop to orient participants on the National Science Foundation-funded State System of Higher Education CETP-PA Project at Indiana University of Pennsylvania, August 21–25, 2000

*WebCT Training Workshop*-completed a three-day workshop offered by California University on developing web-based courses using WebCT software, Summer, 2000

*CASE Workshop on Fund-Raising for Academic Leaders*-completed a one-day workshop on fundraising conducted by the State System of Higher Education, Dixon University Center, May 31, 2000

*Franklin-Covey Seven Habits of Highly Effective People Course*-completed a 25-hour course on the seven habits, Southpointe Center of California University, January 1999

*Dale Carnegie Leadership Development Course*-completed a 36-hour leadership development course, Uniontown, PA February-May, 1998

*ProShare Training Workshop*-conducted an evening workshop for 20 educators on using Intel ProShare desktop video teleconferencing equipment for educational teleconferencing, California University of Pennsylvania, March 19, 1997 (with SWPA Consortium Members)

*Using Interactive Video & Collaborative Computer Teleconferencing in the Learning Process*-conducted a three-day workshop for 16 teachers on using Intel ProShare desktop video teleconferencing equipment for educational teleconferencing, Intermediate Unit I, August 11-14, 1997 and August 12-14, 1996 (with C. Nawalsky)

*Construction Technology: Middle and High School Programs*-conducted two-day workshops for 36 teachers on instructional strategies, Central Connecticut State University Technology Teacher Enhancement Center, April 8, 1998, March 7-8, 1996 and March 2-3, 1995

*Society of Automotive Engineers A World in Motion Workshop*-presented a description of the role technology education could play in future curriculum development efforts of the Society of Automotive Engineers, Pittsburgh, PA August 27, 1994

*A Vision for Teacher Education*-participated in a two-day forum conducted by the PA Vocational-Technical and Technology Teacher Education Association, Harrisburg, April 7-8, 1994

## **WORKSHOPS** (continued)

- Transition to Technology Education*-conducted a half-day workshop for 15 teachers on the transition from industrial arts to technology education, Venango County Education Conference, February 18, 1994
- Construction Technology: Integrating Math & Science*-conducted a two-day workshop for 36 teachers on instructional strategies for integrating math and science with construction technology education, Central Connecticut State University Technology Teacher Enhancement Center, February 10-11, 1994
- Math/Science/Technology Learning Modules*-conducted a one-day workshop for 21 teachers on instructional modules developed by the Appalachian Technology Education Consortium at California University of Pennsylvania Apollo-Ridge School District, October 18, 1993
- Construction Technology: Curriculum and Instructional Activities*-conducted a two-day workshop for 36 teachers on instructional strategies for construction technology education, Central Connecticut State University Technology Teacher Enhancement Center, February 25-26, 1993
- The Technological Problem-Solving Method*-conducted a half-day workshop for 20 teachers on using the technological problem-solving method for technology studies, Tech Prep & Project TECH In-service, California University, February 12, 1993
- Making the Transition from Industrial Arts to Technology Education*-conducted a half-day workshop for 20 teachers, Tech Prep & Project TECH In-service, California University, January 22, 1993
- Integrating Technology, Math, and Science Education*-conducted a two-day workshop for 20 teachers on curriculum and instructional strategies for technology education, Project LEARN, East Lyme, Connecticut, January 29-30, 1993
- Integrating Curriculum with Technology*-conducted a one-day workshop for 20 teachers on using technology projects as the focus for integrative curriculum and instruction, Frazier Middle School, Perryopolis, PA, December 1, 1992, with G. Hider
- Implementing Technology Education*-conducted a one-day workshop for 15 teachers on making the transition from industrial arts to technology education, Allentown (PA) School District, October 12, 1992
- Implementing Technology/Math/Science Modules*-conducted a one-day workshop for two teachers and two administrators on the use of the ATEC instructional modules for technology education, Cabell County (WV) School District, June 9, 1992, with G. Bolyard
- Construction Technology: Systems and Appropriate Activities for Technology Education Programs*-conducted a two-day workshop for 36 teachers on instructional strategies for construction technology education, Central Connecticut State University Technology Teacher Enhancement Center, March 5-6, 1992
- Teaching the Systems of Technology-conducted a one-day workshop on instructional strategies for communication, construction, manufacturing, and transportation technology for 20 teachers, Erie County (PA) Schools, January 27, 1992
- Technology Education: Scope and Sequence*-conducted a one-day workshop for 35 teachers on recommended scope and sequence models for technology education. Washington County (PA) Schools, December 3, 1991
- Advanced Materials in Transportation*-participated in a one-day workshop on advances in materials technology as it relates to transportation, University of Pittsburgh, November 15, 1991

## **WORKSHOPS** (continued)

*Technology-Math-Science Teacher Capabilities Institutes*-participated in the planning, development, and delivery of 10 institutes with approximately 25 technology, math, and science teachers for the Appalachian Technology Education Consortium, California University and Fairmont State College, 1991-92

*Student Learning Activities for Construction Technology*-conducted a one-day workshop for 20 teachers, Central Connecticut State University Technology Teacher Enhancement Center, New Britain, CT, February 8, 1991

*Teaching Transportation Technology*-conducted a two-hour workshop on transportation curriculum and activities for 18 teachers, Project TECH Teacher In-service, October, 19, 1990

## **SERVICE TO CALIFORNIA UNIVERSITY OF PA**

Chair, *Search Committee for the Associate Vice President for Marketing*, Fall 2015

Manager, *Enrollment Management Contract with Ruffalo Noel Levitz*, Fall 2015-2017

Co-Chair, *President's Task Force on University Governance*, Fall 2013-Spring 2015

Member, *Search Committee for the Associate Vice President for University Technology*, Fall 2014

Project Manager; *University Development and Alumni Relations Consultant Review*, drafted RFP, chaired review team, hired consultant, served on steering committee; May 14, 2014 – June 30, 2015

Co-Chair, *Task Force on Undergraduate Research*, 2012-2013 (with Dr. John Nass)

Member, *Dispute Resolution Committee*, Transfer & Articulation Oversight Committee of PASSHE and PDE, 2010-2013

Member, *Undergraduate Research Advisory Council*, 2014-2017

Member, *Data Integrity Advisory Executive Committee*, 2013-2017

Member, *By-Laws Committee, President's Commission for the Status of Women*, 2012-2014

Member, *President's Commission on the Status of Women*, 2012-2014

Member, *University Forum*, 2012-2013

Member, *Academic Policies Committee of the University Forum*, 2012-2013

Member, *Academic Affairs Council*, Fall 2009-2017

Member, *Administrative Council*, Fall 2009-2017

Member, *Campus Master Planning Board*, Fall 2011-2017

Member, *Deans/Provost Council*, Fall 2009-2017

Point of Contact, *Pittsburgh Regional Compact of the Allegheny Conference*, 2011-2012



***SERVICE TO CALIFORNIA UNIVERSITY OF PA (continued)***

Member, *Teaching and Professional Responsibilities Subcommittee*, APSCUF-Management Evaluation Committee, 2010-2012

Member, *University Scholarship Committee*, 2009-2012

Member, *Cal U Fusion Committee*, Fall 2010-2012

Member, *Allegheny Conference Workplace Committee*, Fall 2010–2012

Member, *Faculty Professional Development Committee*, 2011-2012

Ex-Officio Member for Academic Affairs, *General Education Committee*, Fall 2009–2011

Member, *PASSHE Marine Science Consortium NASA Liaison Committee*, Spring 2010-2012

Member, *PASSHE Marine Science Consortium Academic Advisory Council*, Spring 2010-2012

Member, *SMART Classroom Project Planning Committee*, Fall 2010–2012

Coordinator, *Program Inventory Database Search on PASSHE Web Site Committee*, September 2011–2012

Member, *Pennsylvania Department of Education Program Articulation Committee*, September 2011-2012

Coordinator, *Academic Program Inventory Analysis*, Fall 2011

Coordinator, *Abilene Christian University MEIBL (Mobile-Enhanced Inquiry-Based Learning) Next Generation Learning Challenge Grant* meetings, November 17-18, 2011 with ACU's Scott Hamm & Cynthia Powell and Cal U's Lois Nicholson

Leader, *Academic Affairs Contributions to the Carnegie Science Center STEM Center* planning team, Fall 2011

Participant, *SMART Classroom Project Corrective and Preventative Action Process* meetings, Nov-Dec, 2011

Contributor, *Department Chair Training Session* (topics: Forms and Faculty Searches), November 29, 2011

Coordinator, *Undergraduate Catalog General Education & Course Descriptions Verification*, September–October 2011

Coordinator, *Employee Data Verification for the 2011 California University of Pennsylvania Affirmative Action Plan for Academic Affairs*, Summer 2011

Coordinator, *Remote Desktop for Department Chairs*, Summer 2011

Coordinator, *Flashy flash card app reviews for Songwhale*, Summer 2011

Member, *Search Committee, Director for the Teaching & Learning Center of Cal U Fusion*, July, 2011

Member, *PASSHE Instructional Costs and Productivity Task Force* (with F. Petrosky), Spring-Summer 2011

***SERVICE TO CALIFORNIA UNIVERSITY OF PA (continued)***

Judge, *Safety Illustration*, Pennsylvania Technology Student Association Conference, Seven Springs Resort, Champion, PA, April 14, 2011

Member, *Grant Writers Mentoring Program*, 2007-2009

Member, *Mechatronics Engineering Technology Advisory Committee*, Spring 2011

Member, *Government Services Proposals Review Committee*, November 2010-February 2011

Cal U Representative, *Pennsylvania Transfer and Articulation Oversight Committee*, 2009-2010

Chair, *Family Portal Manager Search Committee*, Spring 2010

Member, *Proposal Review Team for Managed Mobile Computing Network*, Spring 2010

Member, *Academic Affairs Clerk I Search Committee*, Fall 2009

Academic Affairs Representative, *Common Cost Accounting Report Committee*, Fall 2009

Member, *Career Services Advisory Board*, 2005-2009

Member, *College of Education and Human Services Advisory Board*, Spring 2005-2009

Member, *California University in the High School Advisory Committee*, Fall, 2003-2009

Member, *Urban Seminar in Philadelphia Project Committee*, 2003-2009

Coordinator, *AET in the California University in the High School Program*, 2000-2009

Member, *Department Electrical Engineering Technology Advisory Board*, 1996-2009

Member, *Department Graphics & Multimedia Technology Advisory Board*, 1996-2009

Member, *Department Industrial Technology Advisory Board*, 1996-2009

Member, *Eberly College of Science and Technology Council*, 1996-2009

Member, *College of Education and Human Services Council*, 1996-2009

Member, *School of Graduate Studies and Research Council*, 1996-2009

Member, *Department Technology Education Advisory Board*, 1987-2009

Member, *Institutional Resources Workgroup, Institutional Self-Evaluation Steering Committee for Middle States Review*, Spring 2008-Spring 2009

Participant, *Meetings of the State System of Higher Education PA-CAN (Pennsylvania Center for Applied Nanotechnology)*, 2000-2007

Member, *Cal U in High School Task Force*, Spring 2006-2007

***SERVICE TO CALIFORNIA UNIVERSITY OF PA (continued)***

Co-Captain, *Browns Team in the Vulcan Scholarship Drive*, Spring 2006

Member, *College of Education and Human Services Conceptual Framework, Stage 3 Committee for NCATE/PDE Preparations*, 2005-06

Member, Planning Committee, *PA State System of Higher Education "Recruitment and Retention Strategies for Women for Non-Traditional Careers in Manufacturing" Grant Proposal to the Pennsylvania Department of Labor and Industry's Industry Partnership Program*, December, 2005

Member, *Helsel Hall Dedication Ceremony*, October 8, 2005

Member, *Search Committee for Director of Purchasing*, Spring 2005

Member, Planning Committee, *PA State System of Higher Education "Advanced Manufacturing in Pennsylvania" Grant Proposal to the National Science Foundation's Advanced Technological Education Program*, April, 2005

Member, Planning Committee, *PA-Collaborative for Applied Nanotechnology Grant Proposal to the National Science Foundation's Science, Technology, Engineering and Mathematics Talent Expansion Program (STEP)*, January-February, 2005

Member, Planning Committee, *Robotics Technology Workforce Training Grant Proposal*, by The Technology Collaborative and California University to the Pennsylvania Department of Community and Economic Development's Workforce Leadership Grants for Workforce Pipeline 2+2+2 Education Programs, December, 2004

Member, *California University-Carnegie Mellon University Robotics Curriculum Project Meeting* with representatives of the Department of Defense, Washington, DC, December 9, 2004

Member, Planning Committee, *PA-Collaborative for Applied Nanotechnology "Interdisciplinary Nanotechnology Curriculum Initiative" Grant Proposal to the National Science Foundation's Course Curriculum and Laboratory Improvement (CCLI) Program (STEP)*, November-December, 2004

Member, *Department Mechanical/Manufacturing Engineering Technology Education Advisory Board*, 2005-06

Member, Planning Committee, *State System of Higher Education's National Science Foundation Advanced Technology Education Project on Advanced Manufacturing in Pennsylvania*, Fall 2004

Member, *Director Search Committee for Adventure of the American Mind Project*, December, 2003

Member, Planning Committee, *Summer Institute for California University in the High School Teachers*, Fall, 2002

Member, Search Committee, *Director of the California University in the High School Program*, Fall, 2002

Participant, *Washington County Chamber of Commerce-Pittsburgh Technology Council* planning meeting for the implementation of the Manufacturing Pathway Initiative in Washington County, Washington, Pennsylvania, February 1, 2002

Member, *Technology Committee*, California University Forum, 2001-03

***SERVICE TO CALIFORNIA UNIVERSITY OF PA (continued)***

- Participant, *Penn State Nanofabrication Technology Conference*, Penn State University, October 8-19, 2001
- Member, *Chapter 354 Committee*, College of Education and Human Services, California University, Fall 2001
- Participant, *California University-Penn Commercial Articulation Agreement Meeting*, September 4, 2001
- Participant, *State System of Higher Education Committee on Nanotechnology Collaborative*, 2001-02
- Participant, *Nanofabrication Manufacturing Technology Facility Tour*, Penn State University, June 3, 2001, with Dr. Dr. Len Colelli, Dean, Eberly College of Science and Technology, and Dr. Ron Dreucci, Professor, Applied Engineering and Technology
- Participant, *Women in Technology Recognition Luncheon*, California University, April 28, 2001
- Participant, Meeting to discuss possible collaboration between California University and the Carnegie Mellon University National Robotics Engineering Consortium, April 9, 2001
- Participant, *2000 Governor's Institute for Technology Education Review Meeting*, Bedford, PA April 7, 2001
- Member, *Committee to Review and Revise the Conceptual Framework of the Curriculum for Professional Education*, Spring 2001
- Team Leader for California University, *State System Center for Excellence in Teacher Preparation NSF Grant Proposal Planning Team*, 1998-2000
- Participant, *Cal U Discovery Day*, November 10, 2000
- Member, Cal U Team that who met with representatives from Pennatronics, Incorporated to discuss their workforce development needs, August 14 and December 6, 2000
- Member, Cal U Team that met with representatives from APEX, Incorporated to discuss their workforce development needs, August 18, 2000
- Member, Pennsylvania Delegation that traveled to Europe to encourage APEX, Incorporated to locate in Southwestern Pennsylvania. Visited the German Flexographic Technology Association at the University of Stuttgart, Germany and APEX Europe in The Netherlands, Summer 2000
- Member, *Associate Provost/University Registrar Search Committee*, Summer, 2000
- Chair, *President's Gala Awards Selection Committee*, California University, 1999-2000
- Team Member, *President's Gala Awards Selection Committee*, California University, 1998-2000
- Member, *Women's Commission*, California University, 1998-2000
- Chair, *Faculty Subcommittee of the Campaign for California University*, 1997-98
- Co-Chair, *Technology Committee*, College of Education and Human Services, 1997-2000
- Member, Ex Officio, *Alumni Association Board of Directors*, 1997-2006

***SERVICE TO CALIFORNIA UNIVERSITY OF PA (continued)***

Member, *Eberly College of Science and Technology Dean Search Committee*, 1999

Member, *Peabody Shadow Day Planning Committee*, 1997-98

Vice-President of Programming, *Phi Delta Kappa, California University Chapter*, 1997-99

Participant, *Pennsylvania Congress on Teacher Education*, September 14, 1997, Pittsburgh, PA

Member, *Institutional Self-Evaluation Committee*, Subcommittee on Programs, 1997-1998

Member, *President's Commission on Technology Oversight and Planning*, California University of Pennsylvania  
1997-2000

Member, *New Programs Subcommittee* of the President's Commission on Technology Oversight and Planning,  
California University of Pennsylvania, 1997-98

Member, *TIIAP-funded ProShare Grant Project Advisory Board*, 1996-1999

Member, *University College Steering Committee*, 1996-1999

Member, *College of Education and Human Services Professional Development Schools Committee*, 1996-98

Chair, *Department Evaluation and Promotion Committees*, 1995-96

Consultant, *Environmental Scanning Task Force for Report to the Centerpiece Planning Group for Strategic  
Planning*, California University of Pennsylvania, 1994-95

Judge, *Southwestern Pennsylvania Regional Science Olympiad*, Aerodynamics Aloft and Mousetrap Vehicles  
Events at California University, March 31, 1995

Member, *Charleroi Area School Campus Teaching Center Advisory Board*, 1994-1999

Coordinator, *National Engineering Design Challenge Western Pennsylvania Region* at California University,  
1994-98

Member, *NCATE Review Subcommittee* on Category IV: The Unit for Professional Education, 1994-95

Chair, *Video Equipment Study Committee*, College of Education and Human Services, fall, 1994

Member, *Department Technology Education Curriculum Committee*, 1987-96

Member, *Department Graduate Committee*, 1987-96

Student Club Co-Advisor, *California Association of Industry and Technology*, 1987-92 and 1995-96

Member, *University-Wide Sabbatical Leave Committee*, 1992-94

Member, *College of Education Teacher Institute Committee*, 1992-1993

Member, *Department Family Day Planning Committee*, 1991-93

## ***SERVICE TO CALIFORNIA UNIVERSITY OF PA (continued)***

Chair, *Department Family Day Planning Committee*, 1992-93

Chair, *Department Spring Conference Planning Committee*, 1991

Member, *Department Spring Conference Planning Committee*, 1988-91

Member, *Department Technology Education Curriculum Five-Year Plan Committee*, Fall, 1990

Recording Secretary, *Department Graduate Committee*, 1989-90

Member, *NCATE Review Writing Team*, 1989-90

## ***SERVICE TO PROFESSIONAL ASSOCIATIONS***

Participant, *Technology & Engineering Educators Association of Pennsylvania Annual Conferences*, since 1987

Participant, *International Technology & Engineering Educators Association Annual Conferences*, since 1987

Participant, *Pennsylvania Technology Student Association Annual Conferences*, since 1989

Member, *Board of Directors, New Century Careers*, February 2011-June 2015

Member, *Pennsylvania Department of Education Articulation Committee for Music*, September 2011-2012

Judge, Promotional Presentation, *Pennsylvania Technology Student Association Conference*, Seven Springs Resort, Champion, PA, April 19-20, 2012

Participant, *Manufacturing Industry Partnership of Southwestern Pennsylvania and the Compete Initiative*, Westmoreland CareerLink, Westmoreland County Community College, December 1, 2011

Member, *Music Program Articulation Committee*, Pennsylvania Department of Education, 2011-2012

Member, *Transfer & Articulation Oversight Committee*, Pennsylvania Department of Education, 2011-12

Participant, *2+2+2 Pathways Projects Mangers Meeting*, Penn State University, November 16, 2011

Member, *Manufacturing Career Pathways Steering Committee*, Manufacturing Industry Partnership of Southwestern Pennsylvania, 2010-2011

Member, *Pennsylvania Department of Education Technology & Engineering Standards Aligned System Committee*, 2010-2011

Member, *Technology & Engineering Educators Association of Pennsylvania Executive Board*, participant in quarterly meetings, 1995-2011

Editor, *TEEAP Journal*, the official publication of the Technology & Engineering Educators Association of Pennsylvania, 1995-2011

Chair, *Publications Committee*, Technology & Engineering Educators Association of Pennsylvania, 1995-2011

***SERVICE TO PROFESSIONAL ASSOCIATIONS (continued)***

Member, *Robotics Technology Advisory Committee*, A. W. Beattie Career Center, 2006-2009

Participant, *Marine Science Consortium Academic Advisory Council*, February 26, 2011, Harrisburg, PA

Judge, *Technology Student Association Regional Conference*, February 25, 2011, Cal U

Member, *Name Change Investigation Committee for the Technology Education Association of Pennsylvania*, November 2009-May 2010

Member, *Steering Committee for the Technology Education Standards Alignment System (SAS) for the Pennsylvania Department of Education*, November 2008-2009

Member, *Executive Advisory Committee*, Pittsburgh Public Schools Career and Technical Education Division, 2008- 2010

Member, *Fayette-Washington Keystone Innovation Zone*, 2008-2009

Reviewer, *Pennsylvania State System of Higher Education Faculty Professional Development Grant Proposals*, Spring 2010

Member, *Steering Committee of the Southwestern Pennsylvania STEM Network, PA STEM Initiative*, 2007-2009

Member, *Manufacturing Career Pathways Steering Committee*, Manufacturing Industry Partnership of Southwestern Pennsylvania, 2007-2009

Member, *Occupational Advisory Committee*, Steel Center Area Vocational Technical School, 2007- 2010

Member, *Advanced Manufacturing Education Planning Committee, Pennsylvania Department of Community & Economic Development*, 2007-2009

Co-Chair, *Editorial Review Board*, International Technology Education Association's flagship publication, *The Technology Teacher*, March 2004-2008

Member, *College in High School Dual Enrollment Committee*, North Hills High School, Fall 2005-2007

Member, *Nanofabrication Manufacturing Technology Partnership Advisory Board Meeting*, Penn State University, October 2001- 2006

Reviewer, *Technology Student Association Scholarship Applications* for three categories: Technology Education Applicants, Female Applicants, and Male Applicants, March 2007

Co-Chair, *Editorial Review Board Committee Meeting*, International Technology Education Association Conference, Baltimore, MD, March 22, 2006

Member, *ITEA Committee Chairs*, International Technology Education Association Conference, Baltimore, MD, March 22, 2006

Reviewer, *Technology Student Association Scholarship Applications* for three categories: Technology Education Applicants, Female Applicants, and Male Applicants, March 2006

***SERVICE TO PROFESSIONAL ASSOCIATIONS (continued)***

Member, *Articulation Agreements Committee*, Nanofabrication Manufacturing Technology Partnership, Penn State University, February 20, 2006

Member, *"Working Together to Ensure Pennsylvania Workforce Success" Planning Committee*, Penn State University, December 4, 2005

Member, *BattleBots IQ Equipment Job Training Equipment Grant Application*, submitted to the Pennsylvania Department of Labor & Industry, November 2005

Judge, *Computer Applications and Promotional Graphics Competitions*, 2005 PA-TSA Conference, Seven Springs Resort, April 21-22, 2005

Co-Chair, *Editorial Review Board Committee Meeting*, International Technology Education Association Conference, May 2, 2005

Reviewer, *Technology Student Association Scholarship Applications* for three categories: Technology Education Applicants, Female Applicants, and Male Applicants, March 2005

Judge, *Desktop Publishing Technology Competition*, 2004 Region 1, 6, & 11 PA-TSA Conference, California University, February 25, 2005

Member, Planning Committee, *Governor's Institute for Technology Education*, 2005, 2006, 2007

Chair, *Course and Program Development Committee*, Nanofabrication Manufacturing Technology Partnership, Penn State University, February 18, 2005

Secretary, *PA Collaborative for Applied Nanotechnology*, State System of Higher Education, 2002-05

Member, *Budget Committee*, Nanofabrication Manufacturing Technology Partnership, 2003-05

Judge, *Invention & Innovations and Promotional Graphics Competitions*, 2004 PA-TSA Conference, Seven Springs Resort, April 22-23, 2004

Reviewer, *Technology Student Association Scholarship Applications* for three categories: Technology Education Applicants, Female Applicants, and Male Applicants, April 2004

Chair, *Course and Program Development Committee and the Articulation Committee*, Nanofabrication Manufacturing Technology Partnership, Penn State University, March 9, 2004

Judge, *Imaging Technology Competition*, 2004 Region 1, 6, & 11 PA-TSA Conference, California University, February 27, 2004

Judge, *Invention & Innovations, Promotional Graphics, and Electrical Applications Competitions*, 2003 PA-TSA Conference, Seven Springs Resort, April 10-11, 2003

Chair, *Course and Program Development Committee and the Articulation Committee*, Nanofabrication Manufacturing Technology Partnership, Penn State University, 2002-2003

Judge, *Display Events Competition*, 2003 PA-TSA Regions 1 & 6 Leadership Conference, California, PA February 21, 2003



***SERVICE TO PROFESSIONAL ASSOCIATIONS (continued)***

Member, *Upper Division Nanofabrication Technology Courses Subcommittee*, State System of Higher Education's Pennsylvania Center for Applied Nanotechnology, 2001-03

Member, *Administration Committee and Professional Development Committee*, Penn State University Center for Manufacturing Education in Nanofabrication Partnership, 2001-03

Member, *Science, Technology, Environment, and Ecology Assessment Advisory Committee*, Pennsylvania Department of Education, January, 2001-03

Judge, *Digital Photography and Leadership Challenge Competitions*, 2002 PA-TSA State Conference, Seven Spring Resort, April 11-12, 2002

Judge, *Safety Illustration Competition*, 2002 PA-TSA Regions 1 & 6 Leadership Conference, California, PA March 8, 2002

Judge, *Communication Challenge and Construction Systems Competition*, 2001 PA-TSA State Conference, Seven Spring Resort, March 29-30, 2001

Judge, *Safety Illustration Competition*, 2001 PA-TSA Regions 1 & 6 Leadership Conference, California, PA February 16, 2001

Judge, *Construction Systems Competition*, 2000 PA-TSA State Conference, Seven Springs Resort, April 14, 2000

Judge, *Architectural Models*, 2000 PA-TSA Regions 1 & 6 Leadership Conference, California, PA March 2000

Member, *Elections Committee*, International Technology Education Association, 1998-99

Judge, *Prepared Speech Competition*, 1998 National TSA Conference, Pittsburgh, PA June 22, 1998

Head Judge, *Technology Process Display Competition*, 1997 PA-TSA Regions 1 & 6 Leadership Conference, California, PA February 28, 1997

Member, *Recruitment Committee*, International Technology Education Association, 1996-98

Chair, *Nominations and Elections Committee*, Technology Education Association of Pennsylvania, 1996

Member, *Yearbook Planning Committee*, International Technology Education Association's Council on Technology Teacher Education, 1993-1998

Member, *Undergraduate Studies Committee*, International Technology Education Association's Council on Technology Teacher Education, 1991-99

Head Judge, *Technology Problem Solving Competition*, 1996 PA-TSA Regions 1 & 6 Leadership Conference, California, PA March 1, 1996

*Immediate Past President*, Technology Education Association of Pennsylvania, 1996

Member, *PA Department of Education Technology Education Standards Writing Team*, participated in the development of standards for technology education in Pennsylvania, 1995-96

***SERVICE TO PROFESSIONAL ASSOCIATIONS (continued)***

- Member, *PA Department of Education Science and Technology Framework Review Team*, participated in a review of benchmarks for science and technology education related to Pennsylvania's student learning outcomes, October 14-15, 1994
- Chair, *Hearing for Proposed 1995 Resolutions*, 1995 Technology Education Association of Pennsylvania Conference, Camp Hill, PA, November 2, 1995, with R. Weymer
- Co-Chair, *Elementary School Curriculum Guide Writing Team*, Technology Education Association of Pennsylvania Conference, 1995-96, with J. McCade
- President*, Technology Education Association of Pennsylvania, 1994-95
- Judge, *Technology Process Display Competition*, 1995 PA-Technology Student Association Spring Leadership Conference, Seven Springs, PA April 28, 1995
- Co-Chair, *High School Curriculum Guide Team*, Technology Education Association of Pennsylvania, 1993-1995
- Head Judge, *Technological Systems Competition*, 1994 and 1995 PA-Technology Student Association Spring Leadership Conference, Seven Springs, PA April 22, 1994 and April 28, 1995
- President Elect & Deputy President*, Technology Education Association of Pennsylvania, 1993-94
- Judge, *Research & Design (Metric 500) Competition*, 1994 PA-TSA Regions 1 & 6 Leadership Conference, California, PA March 4, 1994
- Member, *High School Curriculum Committee*, Technology Education Association of Pennsylvania, 1993-95
- Head Judge, *Technical Report Writing Competition*, 1991-98 PA-Technology Student Association Spring Leadership Conference, Seven Springs, PA
- Member, *Maglev Community Education and Development Advisory Subcommittee*, High Speed Ground Transportation Center, Carnegie Mellon Research Institute, 1991-93
- Member, *Technology Student Associations Task Force*, International Technology Education Association Council on Technology Teacher Education's Undergraduate Studies Committee, 1991-92
- Participant, *Society of Automotive Engineers Junior Solar Sprint Project*, 1991
- Member, *Pennsylvania Department of Education Student Outcomes Committee for Science and Technology*, invited to participate in the development of learning outcomes for technology education, summer, 1991
- Co-Editor, *1992 Yearbook of the Council on Technology Teacher Education*, 1988-1992
- Member, *1991 Pennsylvania Vocational Teacher Educators Forum Planning Committee*, Fall 1990
- Member, *Appalachian Technology Education Consortium*, 1989-1992
- Co-Coordinator, *Conference Supervisors-Teacher Educators Forum*, Technology Education Association of Pennsylvania Conference, 1990 and 1991
- Member, *Technology Education Association of Pennsylvania Curriculum Committee*, 1989-90

## ***SERVICE TO PROFESSIONAL ASSOCIATIONS (continued)***

President, *Pennsylvania Council on Technology Teacher Education*, 1989-92

Vice-President, *Pennsylvania Council on Technology Teacher Education* of the Technology Education Association of Pennsylvania Board of Directors, 1989-1992

Advisor, *Technology Education Collegiate Association of Pennsylvania*, a college student club affiliated with the Technology Education Association of Pennsylvania, 1989-1992

Member, *Professional Improvement Plan Revision Team*, Technology Education Association of Pennsylvania, Fall 1987

## ***COURSE TAUGHT (at California University of Pennsylvania)***

### **Undergraduate Courses**

IND 184 Energy and Power Systems  
TED 130 Energy & Transportation Systems  
TED 100 Introduction to Technology Education  
TED 150 Manufacturing Systems  
TED 461 Student Teaching  
TED 436 Teaching Transportation Technology  
ITE 110 Technical Drawing I  
ITE 210 Technical Drawing II  
TED 301 Technology Education/Early Field  
TED 335 Transportation Systems

### **Graduate Courses**

TED 565 Special Problems in Technology Education  
TED 701 Foundations of Technology Education  
TED 703 Strategic Management in Education  
TED 715 Implementing Technology Education  
TED 735 Transportation Systems  
TED 795 Technology Education Internship  
TED 835 Advanced Transportation Systems  
TED 849 Master's Thesis  
TED 850 Technology Education Major Project

## ***AWARDS***

*Lifetime Achievement Award*, presented by the California University of Pennsylvania Technology Education Faculty, November 3, 2011

*John R. Gregg Award for Loyalty and Service*, presented by the California University of Pennsylvania Alumni Association, June 4, 2011

*Million Dollar Achiever*, recognized by the California University of Pennsylvania Office of Grants & Contracts, November 18, 2009

*Distinguished Technology Educator Award*, from the International Technology Education Association, for demonstrating a high level of competence and conscientiousness in the field of technology education, June 4, 2007

***AWARDS (continued)***

*Silver Service Award*, from the Technology Education Association of Pennsylvania for providing extensive and continuous contributions to the operation of the Association for not less than 15 years, November 5, 2005

*Outstanding Technology Teacher Education Program Award*, from the International Technology Education Association & Council on Technology Teacher Education, member of the California University of Pennsylvania Technology Education faculty who received the award in 2005

*Exemplary Leadership Citation*, for demonstrated leadership contributions to the Technology Education Association of Pennsylvania's Council on Leadership, November 6, 2003

*President's Special Appreciation Award*, for dedication, leadership, commitment, and contributions to the Technology Education Association of Pennsylvania, presented by President William Weitzmann at the 49<sup>th</sup> TEAP Conference, November 9, 2001

*Outstanding Technology Teacher Education Programs Award*, from the International Technology Education Association & Council on Technology Teacher Education, member of the California University of Pennsylvania Technology Education faculty who received the award in 1998

*Faculty Service Award*, presented by the President of California University, 1997

*Outstanding Service Award*, presented by the Technology Education Association of Pennsylvania to one individual per year who provides outstanding service to the association, 1996

*President's Citation*, presented by the Technology Education Association of Pennsylvania, November 3, 1995

*Laureate Award*, Epsilon Pi Tau, April 1994

*SAE Solar Sprint, First Place, Collegiate Division*, Faculty Advisor to student team that took first place in Society of Automotive Engineer's competition to design, produce, and operate a model solar-powered vehicle, 1992