



HOSPITALITY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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CURRICULUM VITAE

O. Peter Snyder, Jr., Ph.D.

Personal Objectives

- To assist the hospitality industry and government personnel worldwide in reaching their full career potentials by providing challenging food technology and management education at all stages of their careers.
- To assist food companies in identifying their strengths and weaknesses; then, to help them implement HACCP-based Total Quality Management programs that strive to achieve zero-defect food safety, customer competitive satisfaction, and productivity by enabling employees to do all tasks correctly the first time, while constantly finding ways to improve processes and reduce costs.



Career Background

1982 to present: President of the Hospitality Institute of Technology and Management (HITM), a company that assists hospitality companies and professionals in utilizing new research technology and management systems for improved performance.

I have helped the following companies with HACCP-based Total Quality Management programs, for which I wrote complete food safety policies, procedures, and standards manuals to control food processes.

- Major national foodservice companies (Denny's)
- International hotel corporation (Marriott)
- Oriental restaurant chain (Leeann Chin)
- Up-scale supermarket chain (Lunds)
- School foodservice (South Washington County, MN; Rochester, MN)
- International foodservice equipment company (Cleveland Range)
- National fast food chain (White Castle)
- Hospital and corporate office foodservices (Kaiser-Permanente; New York Office of Mental Health Cook-Chill Production Center)
- Numerous restaurants and hotels (Lido Italian Market Bar and Café, Biaggi's, Houston's)
- Suppliers (Bergin Fruit & Nut)

I have provided expert legal consulting.

- Cases associated with *Escherichia coli* O157:H7, *Staphylococcus aureus*, *Shigella*, *Listeria monocytogenes* growth on spoiled meat and poultry
- Cases associated with supermarket fraud and safety
- Injury to customers in restaurants (e.g., scalding from hot beverages)
- Illness caused by food in restaurants (*Escherichia coli* O157:H7, hepatitis A)
- Cases associated with unsafe food preparation (e.g., washing food such as parsley, correct hamburger cooking, hot holding)
- Customer / employee sabotage

I have specialized in helping thousands of people expand their career capabilities with beginning to advanced food and management education. My courses and educational materials include the following.

- Technology of HACCP-based, Chilled Food Production Systems
- Developing and Implementing HACCP-based Retail Food Operations
- HACCP Kitchen Design and Safe Performance Assurance Plan Review
- Managing Food Hazards in Retail Food Operations (Certification)
- Establishing HACCP in Retail Food Operations (Recertification)
- Preparing Food Safely in Retail Food Operations
- Model HACCP-Based Policies, Procedures, and Standards Manual
- Safe Hand Washing 14-minute video tape and educational materials, poster
- Foodservice Occupational Safety Management Certification
- Nutrition for Commercial Recipe Design
- Microbiological HACCP Database
- Responsible Beverage Management
- Principles of Excellent Table Service for Employees
- Kitchen Management Computer-Based Systems
- Performance Assurance Management Team Systems
- Employee Development through Performance Appraisal and Counseling
- Employee Team Management and Coaching
- Manager Leadership
- Employee Food Safety: A Self-Instruction Text
- Employee Food Hazard Control in Retail Food Operations
- Food safety hazards and controls for the home food preparer

Research projects that I have completed include the following.

- Development of a modified atmosphere packed hard-boiled egg product with an extended chilled shelf life
- Development of vacuum-packed, microwave-pasteurized, chopped eggs with extended chilled shelf life
- The process for pasteurized antipasto and salsa products for retail food market distribution
- Quality- and hazard-controlled turkey cooking procedures for a national cookbook
- Development of high-volume (≥ 100 gallons) recipes for pasteurized chilled food systems
- The process for pasteurized children's meals with extended chilled shelf life for microwave reheating
- The process for frozen fresh pizza dough

(cont'd)

- Determining the accuracy of commercial endpoint cooking indicators for roast beef
- Influence of cooling rate on the outgrowth of *Clostridium perfringens* spores in cooked ground beef
- Growth potential of *Bacillus cereus* and *Clostridium botulinum* spores and vegetative cells of *Staphylococcus aureus*, *Listeria monocytogenes*, and *Salmonella* in cooked ground beef during cooling
- Cooling food in two-inch and four-inch pans in a commercial walk-in refrigerator
- The microbiology of cleaning and sanitizing a cutting board
- The microbiology of dishcloths in the home kitchen
- The microbiology of food market salad and salad bar items
- HACCP-based fingertip rinse procedure
- Validation of a HACCP recipe for rapid cooling of cheese sauce
- Comparison of the bimetallic coil thermometer and thermocouple for validating food cooling
- Application of HACCP in retail food production operations

I have served as an **expert panelist** for the European Commission: April 11-15, 2005. To review, evaluate, and recommend proposals for studying the issue of improving consumer eating-out habits and developing strategies for better food quality and safety, and increasing consumer acceptance of "healthy" meals.

1974 to 1982: Associate Professor, University of Minnesota, St. Paul, Minnesota, Hospitality and Food Service Management and Extension Specialist with joint appointment to the Department of Food Science and Nutrition and Agricultural Extension Service.

Research projects that I completed include the following.

- Determining the energy efficiency of food cooking with microwave combined with conventional cooking vs. conventional cooking alone
- Development of new engineering techniques to chill foods rapidly
- Development of a miniaturized microbiological system for quickly determining food ionizing radiation doses
- Development of commercial food processes using a 60,000-watt microwave tunnel
- Determining the cooking efficiency of 20 models of gas and electric commercial cooking equipment

Courses that I developed and taught include the following.

- HACCP-Based Food Safety for Minnesota Restaurants
- The Technology of International Cuisine
- Basic and Advanced Kitchen Design
- Total Quality Management in Foodservice Operations
- Basic and Advanced Foodservice Computer Program Development
- Management Systems for Foodservice Operations
- Foodservice Financial Management

1952 to 1974: Lieutenant Colonel, United States Army. Service included command positions up to battalion commander. Overseas assignments included Germany, Korea, and a one-year combat tour in Vietnam.

My accomplishments during this career include the following.

- Six years in food ionizing research developing sterilized food products
- Tested the use of the synergistic effects of microwaves and ionizing radiation
- Development of a cryogenic food cooling system
- Design and development of a self-contained, all electric mobile field 6,000-watt microwave kitchen and bakery
- Development of irradiation process test procedures using *Clostridium botulinum*
- As Dean of a School of Management Information Systems, developed extensive programmed and computer-aided instruction programs
- Conducted extensive courses in computer-based management information systems
- Directed the design and development of a central food preparation facilities concept to replace all dining facilities in the military

Education

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|---|-------|-----------|
| University of Denver: Hotel Restaurant Management | B.S. | 1948-1952 |
| Massachusetts Institute of Technology: Food Science and Nutrition | M.S. | 1957-1959 |
| University of Massachusetts: Food Science and Technology | Ph.D. | 1967-1969 |

Membership and Activities in Professional Organizations; Awards

- Society for Foodservice Systems: President
This international society helps its members better understand foodservice as a management and technical system with quality assurance cycles.
- Journal of Foodservice Systems / Foodservice Research International: Editorial Board
- Institute of Food Technologists, Foodservice Division Newsletter: Editor
- QA Report: Editor
- The Food Safety Professional: Editorial Board
- International Association of Milk, Food and Environmental Sanitarians, Inc. / International Association for Food Protection
- National Restaurant Association
- American Society for Microbiology
- American Society for Quality Control
- National Environmental Health Association
- **AWARD:** 2006 NSF Food Safety Leadership Award for Lifetime Achievement in Food Safety Education
- **AWARD:** 2010 Foodservice Consultants International Trendsetter Award

A list of **selected presentations** is on the following page. A complete **publications list** including journal articles, book entries, magazine articles, and a complete list of presentations, is on HITM's website, <http://www.hi-tm.com>, "About HITM." This CV is also on HITM's website, <http://www.hi-tm.com>, "About HITM."

SELECTED PRESENTATIONS, 2000-PRESENT

BY O. PETER SNYDER, JR., PH.D.

2000

- Snyder, O.P. 2000 (January 14). Using HACCP in commercial kitchens. Johnson and Wales University. Providence, RI.
- Snyder, O.P. 2000 (March 21-22). HACCP presentation at Food Safety Summit. Washington, D.C.
- Snyder, O.P. 2000 (May 25). Indications of an effective regulatory food safety program. Florida Environmental Health Association. 52nd Annual Education Meeting. Tampa, FL.
- Snyder, O.P. 2000 (June 10-14). Microbial Safety of Minimally Processed Food (for symposium HACCP Applied to Minimally Processed Food). Institute of Food Technologists (IFT) Annual Meeting & Food Expo. Dallas, TX.
- Snyder, O.P. 2000 (November 7). HACCP-based retail food safety. Ministry of Health. Vancouver, British Columbia, Canada.
- Snyder, O.P. 2000 (December 3-15). Seal of Quality: Food safety and quality program for Macedonia food markets. Land O'Lakes. Skopia, Macedonia.

2001

- Snyder, O.P. 2001. (January 29). HACCP plan development. Syracuse University. Syracuse, NY.
- Snyder, O.P. 2001. (March 28-30). 1) Industry self-control vs. regulatory inspection. 2) How to develop predictable employee foods safety behavior. 3) Science-based retail food process standards. 10th Australian Food Microbiology Conference. Melbourne, Australia.
- Snyder, O.P. 2001 (July 6). Hazard analysis and critical control points in patient care. Children's National Medical Center. Washington, D.C.
- Snyder, O.P. 2001 (July 26). The impact of food service regulations on the food service industry: An historical perspective. Florida Environmental Health Association, Inc. 53rd Annual Education Meeting & Trade Show. Clearwater Beach, FL.
- Snyder, O.P. 2001 (August 8). American Correctional Food Service Association. International Conference. Palm Springs, CA.
- Snyder, O.P. 2001 (September 20). Empowering the retail food industry to do food safety with HACCP. California Conference of Directors of Environmental Health. Fish Camp, CA.

2002

- Snyder, O.P. 2002 (April 16-17). How to use cook-chill with HACCP to assure food safety. Nevada Environmental Health Association. Minden, NV.
- Snyder, O.P. 2002 (April 24-25). HACCP team start-up training. Delaware River & Bay Authority.
- Snyder, O.P. 2002 (May 10). Bioterrorism: Food safety and the food supply. New York State Dietetic Association. Saratoga Springs, NY.
- Snyder, O.P. 2002 (June 30-July 3). 1) Food safety education for chefs; 2) Safe cooling of meats and retail foods: An industry perspective. International Association for Food Protection (IAFP) Annual Meeting. San Diego, CA.
- Snyder, O.P. 2002 (October 8). Analysis of food security in the OMH food system. New York State Office of Mental Health. Saratoga Springs, NY.

2003

- Snyder, O.P. 2003 (August 10-13). Changing the recipe: How to obtain a food code variation. International Association for Food Protection (IAFP) Annual Meeting. New Orleans, LA.
- Snyder, O.P. 2003 (July 21-August 1). Albania Seal of Quality QA-HACCP development program for food markets. Land O'Lakes. Tirana, Durres, Shkoder, Korca, and Vlora, Albania.
- Snyder, O.P. 2003 (August 19). Food safety and sanitation: Active Managerial Control-HACCP. Southern Minnesota School Foodservice. Owatonna, MN.
- Snyder, O.P. 2003 (November 26-28). Using HACCP for process control and innovation in retail food operations (poster presentation). European Union Risk Analysis Information Network (EU-RAIN). Budapest, Hungary.

2004

- Snyder, O.P. 2004 (June 7-11). Application of HACCP to chef self-control in catering operations. 5th World Congress, Foodborne Infections and Intoxications. Berlin, Germany.
- Snyder, O.P. 2004 (July 12-16). Applying food science to innovate new processes in retail food operations. Institute of Food Technologists (IFT) Annual Meeting and Food Expo. Las Vegas, NV.
- Snyder, O.P. 2004 (June 20-July 3). Albania Seal of Quality Merchandising: To improve merchandising techniques of Seal of Quality products in Albania; Merchandising and customer relationship training. Land O'Lakes. Tirana, Durres, Shkoder, Korca, and Vlora, Albania.
- Snyder, O.P. 2004 (August 8-11). Putting food safety solutions into practice: Failures, successes, and tools. International Association for Food Protection (IAFP) Annual Meeting. Phoenix, AZ.
- Snyder, O.P. 2004 (October 25-26). The science of safe food: The code, the science, and the judgment. Cooking and Chilling Technologies for the 21st Century. Long Beach, CA.
- Snyder, O.P. 2004 (November 4). HACCP-based retail food safety. Michigan Environment Health Association Food Protection Conference. Ann Arbor, MI.

2005

- Snyder, O.P. 2005 (July 18). Food safety principles in developing products for the foodservice market. Institute of Food Technologists (IFT) Annual Meeting and Food Expo. New Orleans, LA.
- Snyder, O.P. 2005 (July 19). HACCP application and documentation in retail operations. Institute of Food Technologists (IFT) Annual Meeting and Food Expo. New Orleans, LA.
- Snyder, O.P. 2005 (August 17). Unification of retail and process HACCP. IAFF Annual Meeting. Baltimore, MD.
- Snyder, O.P. 2005 (October 7). Empowering the food service manager. 6th Annual Fall Education Workshop. CIPHI, Alberta Branch. Canmore, Alberta, Canada.

2006

- Snyder, O.P. 2006 (January 22-25). HACCP and TQM system for: Food processing operation of New York Pizza Company. Land O'Lakes. Novosibirsk, Siberia.
- Snyder, O.P. 2006 (February 1-4). HACCP and TQM system for: Food processing shop & café of Barnaul Liceum Trade School #38. Land O'Lakes. Barnaul, Siberia.
- Snyder, O.P. 2006 (March 22). Evaluating ingredients and purveyors (for retail operations). Food Safety Summit. Las Vegas, NV.
- Snyder, O.P. 2006 (May 9). Serving safe food. St. Christopher's Episcopal Church. Roseville, MN.
- Snyder, O.P. 2006 (July 26). Global trends of retail food operations and processes. Institute of Food Technologists (IFT) Annual Meeting and Food Expo. Orlando, FL.

2007

- Snyder, O.P. 2007 (February 21). Managing the hazards in a food operation to control the risks that could cause a customer foodborne outbreak. Dubai Municipality Food Safety Conference, in conjunction with Gulfood 2007. Dubai U.A.E.
- Snyder, O.P. 2007 (March 6). Converting the retail food-code kitchen into a HACCP commercial processing kitchen. 9th Annual Food Safety and Security Summit. Washington, D.C.
- Snyder, O.P. 2007 (September 13). Instrumentation in food product testing and experimental design in product development. Culinology 101 Part 4. Research Chefs Association. Mercer County Community College. West Windsor, NJ.

2008

- Snyder, O.P. 2008 (January 7). How to do cook-chill and sous vide processes. Retail Food Systems Research Conference. Reno, NV.
- Snyder, O.P. 2008 (January 8). The scientific basis for retail process and product development. Retail Food Systems Research Conference. Reno, NV.
- Snyder, O.P. 2008 (January 8). Writing a HACCP-based Food Safety Management System (FSMS) operations manual. Retail Food Systems Research Conference. Reno, NV.
- Snyder, O.P. 2008 (January 10). FSMS / HACCP process development application course for regulators and industry: How to write and approve a HACCP FSMS. Retail Food Systems Research Conference. Reno, NV.
- Snyder, O.P. 2008 (February 27). Know that your processes are safe. 3rd Dubai International Food Safety Conference. Dubai U.A.E.
- Snyder, O.P. 2008 (March 1-3; 4-6). Workshop for inspectors: Certifying an AMC-HACCP program in retail food. Dubai U.A.E.

2009

- Snyder, O.P. 2009 (February 23). HACCP for minimally processed foods and cook chill processes. Dubai U.A.E.
- Snyder, O.P. 2009 (February 25). Using cook chill processes. 4th Dubai International Food Safety Conference. Dubai U.A.E.
- Snyder, O.P. 2009 (December 4). Developing food safety in the hospitality sector. 1st Turkey Food Safety Congress. Harbiye Military Museum, Istanbul, Turkey.

2010

- Snyder, O.P. 2010 (February 21). Developing a performance-based food safety HACCP plan for foodservice establishments. Dubai U.A.E.
- Snyder, O.P. 2010 (February 24). Developing food safety in the hospitality sector. 5th Dubai International Food Safety Conference. Dubai U.A.E.
- Snyder, O.P. 2010 (March 20). Certifying the safety of a recipe using HACCP. 2010 Research Chefs Association Annual Conference & Culinology® Expo. Chicago, IL.
- Snyder, O.P. 2010 (April 6). Hand washing. Minnesota Department of Health Food Safety Partnership meeting. St. Paul, MN.