

ERIC C. PERSON, PH.D., MBA

curriculum vita

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EDUCATION – DEGREE PROGRAMS

MBA Technology Management 3.98/4.00 May 2003 - June 2005
University of Phoenix – Online Online Program

Ph.D. Biophysics 4.0/4.0 June 1995 – January 2001
University of California – San Francisco San Francisco, CA
Thesis – Ligand Regulation of Peroxisome Proliferator-Activated Receptor-gamma Induction

B.A. Chemistry 3.7/4.0 September 1991 – June 1995
Carleton College Northfield, MN

CURRENT EMPLOYMENT AND DUTIES

ASSISTANT PROFESSOR OF CHEMISTRY CALIFORNIA STATE UNIVERSITY, FRESNO
June 2005 – current Fresno, CA

INSTRUCTIONAL ASSIGNMENTS

Spring 2009	CHEM 1A	General Chemistry (4 WTU)
	CHEM 1BL	General Chemistry Laboratory (4 WTU)
	CHEM 251	Forensic Drug Chemistry and Toxicology (3.3 WTU)
Fall 2008	CHEM 1A	General Chemistry Lab (3 WTU)
	CHEM 105	Quantitative Analysis Laboratory (6 WTU)
Spring 2008	CHEM 251	Forensic Drug Chemistry and Toxicology (3.3 WTU)
Fall 2007	CHEM 1A	General Chemistry (4 WTU)
	CHEM 105	Quantitative Analysis Laboratory (6 WTU)
	CHEM 291	Forensic Science Internship (0.5 WTU)
Summer 2007	CHEM 105	Quantitative Analysis Laboratory (6 WTU)
Spring 2007	CHEM 225	Separation Methods in Chemistry (3 WTU)
	CHEM 251	Forensic Drug Chemistry and Toxicology (3.3 WTU)
Fall 2006	CHEM 106	Analytical Measurements Laboratory (6 WTU)
Spring 2006	CHEM 102	Quantitative Analytical Chemistry (7 WTU)
Fall 2005	CHEM 106	Analytical Measurements Laboratory (6 WTU)
	CHEM 140T	Research and Presentation Skills Workshop (1 WTU)

NON-INSTRUCTIONAL ASSIGNMENTS

Spring 2009	Assigned Time (3 WTU)	forensic chemistry research
Fall 2008	Assigned Time (3 WTU)	Forensic Science Program Director
Spring 2008	Assigned Time (3 WTU)	forensic chemistry research
	Assigned Time (3 WTU)	Forensic Science Program Director
Fall 2007	Assigned Time (3 WTU)	forensic chemistry research
	Assigned Time (1 WTU)	Chemistry 1A Lab Coordinator
Spring 2007	Assigned Time (6 WTU)	forensic chemistry research
Fall 2006	Assigned Time (6 WTU)	forensic chemistry research
Spring 2006	Assigned Time (6 WTU)	development of the forensic science program
		new course preparations
		starting research group
Fall 2005	Assigned Time (6 WTU)	development of the forensic science program
		new course preparations
		starting research group

PREVIOUS EMPLOYMENT

FORENSIC SCIENTIST 3 – CHEMISTRY

WSP CRIME LABORATORY

Jan. 2001 – June 2005

Marysville, WA

- Founding Editor of the WSP Crime Laboratory Division Technical Newsletter “Picogram”
- Created, organized, and implemented training material for scientists, police officers, and attorneys
 - online, interactive training in presumptive pharmaceutical identification
 - small group training in clandestine laboratory sampling and recognition
 - one-on-one training in controlled substance analysis, courtroom testimony, and instrumental analysis
 - technical and scientific presentations listed below

GRADUATE STUDENT – BIOPHYSICS

UNIVERSITY OF CALIFORNIA (UC) – SAN FRANCISCO

June 1995 – Jan. 2001

San Francisco, CA

- Researched drug design and action
- Presented scientific papers and research projects
- Formed collaboration with Ob-Gyn research group

TEACHING ASSISTANT – PHARMACEUTICAL CHEMISTRY

UC – SAN FRANCISCO

Sept. 1998 and Feb. 1999

San Francisco, CA

- Physical Chemistry course focused on application to pharmacy and pharmacology
- Instructed, tutored, and mentored students

STUDENT ADVOCATING MODERATION (PEER-COUNSELOR)

CARLETON COLLEGE

Sept. 1993 – June 1995

Northfield, MN

- Trained in conflict resolution, mediation, intervention, stress-management, and time-management
- Created, organized, and implemented workshops, flier campaigns, and events

BALLROOM DANCE INSTRUCTOR

CARLETON COLLEGE

Sept. 1992 – June 1995

Northfield, MN

- Created, evaluated, and dynamically managed curriculum
- Increased enrollment in class to room capacity

TEACHING AND LABORATORY ASSISTANT

CARLETON COLLEGE

Sept. 1994 – March 1995

Northfield, MN

- Physical Chemistry course
- Advanced Laboratory course

CUR-AIRP FELLOW

CARLETON COLLEGE

Summer 1994

Northfield, MN

- Successfully proposed, researched, and published project
- Presented research progress and results to department and at a conference
- Received honors in independent study

AWU FELLOW

SANDIA NATIONAL LABORATORIES - LIVERMORE

Summer 1993

Livermore, CA

STOCK ASSOCIATE – DOWNTOWN STORE

EDDIE BAUER

Christmas Season 1991 and Christmas Season 1992

San Francisco, CA

SUMMER RESEARCH STUDENT

CARLETON COLLEGE

Summer 1992

Northfield, MN

- Chiral separations of transition metal complexes used in photo cleavage of DNA by Dr. Barton’s group at California Institute of Technology.

ENTERPRISE HIGH SCHOOL STUDENT

LAWRENCE BERKELEY NATIONAL LABORATORY

Summer 1991

Berkeley, CA

STUDENT THESES

- Yates, Seth. MS Chemistry Spring 2009. *A Data Transformation to Correct for Evaporative Weathering in Forensic Fire Debris Analysis*.
- Savopolos, Jessica. MS Forensic Science Fall 2008. *The Effect of Hematocrit Concentration on Forensic Blood Alcohol Analysis*.

REFEREED PUBLICATIONS

- Person, Eric C.; Sunderson, Nathan S.*. "Liquid-Liquid Extractions of Phenylephrine." Journal of the Clandestine Laboratory Investigating Chemists Association 18 (January 2009): 4-7.
- Person, Eric C.; Heegel, Robert A.; Knops, Lori A.; Northrop, David M. "Phosphorus-containing reducing agents: a review of their chemistry and use in the manufacture of methamphetamine and the significance of observed phosphate, phosphite, and hypophosphite in clandestine laboratory casework." Journal of the Clandestine Laboratory Investigating Chemists Association 18 (April 2008): 7-44.
- Savopolos, Jessica A.* and Person, Eric C. "Date Rape Drugs and Children's Toys" Journal of the Clandestine Laboratory Investigating Chemists Association 18 (January 2008): 4-6.
- Person, Eric C. and Savopolos, Jessica A.* "Elemental Identification of Lithium in Clandestine Laboratory Casework By Atomic Emission Spectroscopy" Journal of the Clandestine Laboratory Investigating Chemists Association 16 (July 2006): 23-28.
- Knops, Lori A.; Northrop, David M.; Person, Eric C. "Capillary Electrophoretic Analysis of Phosphorus Species in Clandestine Methamphetamine Laboratory Samples." Journal of Forensic Sciences 51 (January 2006): 82-86.
- Northrop, David M.; Knops, Lori A.; and Person, Eric C. "Methamphetamine Manufacture From Cold and Allergy Medications Containing Pseudoephedrine In Multi-Ingredient, Liquid, and Softgel Preparations." Journal of the Clandestine Laboratory Investigating Chemists Association 15 (April 2005): 11-19.
- Person, Eric C.; Meyer, Jennifer A.; and Vyvyan, James R. "Structural Determination of the Principal Byproduct of the Lithium-Ammonia Reduction Method of Methamphetamine Manufacture." Journal of Forensic Sciences 50 (January 2005):87-95.
- Heegel, Robert A.; Knops, Lori A.; Northrop, David M.; and Person, Eric C. "Abbreviated Reaction Times in the Red Phosphorous Iodine Manufacturing Method." Journal of the Clandestine Laboratory Investigating Chemists Association 14 (July 2004): 11.
- Person, Eric C.; Knops, Lori A.; Northrop, David M.; and Sheridan, Shawn P. "One-Pot Methamphetamine Manufacture." Journal of the Clandestine Laboratory Investigating Chemists Association 14 (April 2004): 14-15.
- Person, Eric C. and Knops, Lori A. "Clandestine Ammonia Generation." Journal of the Clandestine Laboratory Investigating Chemists Association 14 (January 2004): 20-7.
- Person, Eric C.; Waite, Leslie L.; Taylor, Robert N.; and Scanlan, Thomas S. "Albumin Regulates Induction of Peroxisome Proliferator-Activated Receptor- γ (PPAR γ) by 15-Deoxy- Δ^{12-14} -prostaglandin J₂ *in vitro* and May Be an Important Regulator of PPAR γ function *in vivo*." Endocrinology 142 (February 2001): 551-6.
- Waite, Leslie L.; Person, Eric C.; Zhou, Y.; Lim, K.J.; Scanlan, Thomas S.; and Taylor, Robert N. "Placental Peroxisome Proliferator-Activated Receptor- γ is Up-Regulated By Pregnancy Serum." Journal of Clinical Endocrinology and Metabolism 85 (October 2000): 3808-14.
- Mohrig, Jerry R.; Cloutier, David L.; Lane, Brian D.; Moerke, Katherine A.; Onasch, Timothy B.; and Person, Eric C. "Importance of Historical Contingency in the Stereochemistry of Hydratase-dehydratase Enzymes." Science 269 (28 July 1995): 527-9.

* denotes student authors

Note: The Journal of the Clandestine Laboratory Investigating Chemists Association is a law enforcement sensitive peer-reviewed journal with an international distribution used by the forensic field to share intelligence and research in the field of clandestine laboratories.

PRESENTATIONS AND TRAINING GIVEN

- Volume Estimation in Methamphetamine Lab Investigations and Automating Forensic Fire Debris Analysis. Person EC. 2008 Sept 19; Chemistry Department Seminar (Fresno, CA).

Uncertainty and Bias in the Estimation of Liquid Volumes in Containers Associated with Clandestine Laboratory Evidence. Person EC, Price P, Appel M[†]. 2008 Sept 6; Clandestine Laboratory Investigating Chemists 18th Annual Technical Training Seminar (San Antonio, TX).

Phosphorus Containing Reducing Agents: A Review of Their Chemistry and Use in the Manufacture of Methamphetamine and the Significance of Observed Phosphate, Phosphite, and Hypophosphite in Clandestine Laboratory Casework. Person EC, Heegel RA[†], Knops LA[†], Northrop DM[†]. 2008 Sept 5; Clandestine Laboratory Investigating Chemists 18th Annual Technical Training Seminar (San Antonio, TX).

Effect of Hematocrit Concentrations on Forensic Blood Alcohol Analysis. Savopolos J*, Person EC. 2008 Apr 16; 29th Annual Central California Research Symposium (Fresno, CA).

Effects of Evaporation and Sampling in the Forensic Analysis of Fire Debris Evidence. Woodcock M*, Person EC. 2008 Apr 16; 29th Annual Central California Research Symposium (Fresno, CA).

Automated Identification of Ignitable Liquid Residues in Fire Debris. Yates S*, Person EC. 2008 Apr 16; 29th Annual Central California Research Symposium (Fresno, CA).

Forensic Science “Who Dunit?” (2 day workshop). Person EC and Ward S. 2008 Apr 11-12; K-12 Alliance, Tulare Content Weekend (Tulare, CA).

A Simple Practical Method of Assessing In-Class Participation in Quantitative Problem Solving Is Predictive of Student Performance on Exams. Person EC, Savino E*, Ivie J. 2008 Mar 28; Regional Conference on Excellence in Teaching and Learning (Fresno, CA).

CSI Exposed: The Real World of Forensic Science. Person EC. 2008 Mar 7; California State University Stanislaus Biology Department Seminar (Turlock, CA).

The Role of the Chemist in Clandestine Laboratory Investigation. Person EC. 2008 Mar 5; San Jose State Forensic Science Program Seminar (San Jose, CA).

The Role of the Chemist in Clandestine Laboratory Investigation. Person EC. 2008 Feb 12; University of the Pacific Chemistry Department Seminar (Stockton, CA).

CSI Exposed: The Real World of Forensic Science. Person EC. 2008 Feb 1; California Polytechnic Institute Biology Department Seminar (San Luis Obispo, CA).

Extraction Conditions for Phenylephrine in Clandestine Laboratory Case Samples - Project Update. Person EC, Scott S*, Sunderson N*. 2007 Sept 8; Clandestine Laboratory Investigating Chemists 17th Annual Technical Training Seminar (Las Vegas, NV).

Assessing Uncertainty in Forensic Measurements: A review of definitions, concepts, assumptions, and methods relevant to the interpretation for forensic data. Person EC. 2007 Sept 7; Clandestine Laboratory Investigating Chemists 17th Annual Technical Training Seminar (Las Vegas, NV).

Sample Preparation Techniques: A review of techniques, theory, and application to the analysis of forensic drug and clandestine laboratory evidence. Person EC. 2007 Sept 5; Clandestine Laboratory Investigating Chemists 17th Annual Technical Training Seminar (Las Vegas, NV).

Chemistry Refresher for New Drug Analysts – Part II (2 hours). Person EC. 2007 June 26; California Criminalistics Institute (Fresno, CA).

Chemistry Refresher for New Drug Analysts – Part I (2 hours). Person EC. 2007 May 15; California Criminalistics Institute (Fresno, CA).

Selection of Extraction Conditions for Phenylephrine in Clandestine Methamphetamine Laboratory Case Samples. Scott S*, Sunderson N*, Gandler A*, Vydro L*, Person EC. 2007 Apr 12; 28th Annual Central California Research Symposium Poster Session (Fresno, CA).

The Role of the Chemist in Clandestine Laboratory Investigation. Person EC. 2007 Apr 11; California State University Bakersfield Chemistry Department Seminar (Bakersfield, CA).

Forensic Science: Using Science to Solve Crime. Person EC. 2007 Mar 24; Upward Bound (Fresno, CA).

The Role of the Chemist in Clandestine Laboratory Investigation. Person EC. 2007 Mar 9; Sacramento State Chemistry Department Seminar (Sacramento, CA).

Forensic Science: Using Science to Solve Crime. Person EC. 2007 Feb 9; John F. Kennedy Jr. Junior High School Forensic Science Classes (Hanford, CA).

Method Validation for Forensic Chemists. Person EC. 2007 Jan 25; California Association of Criminalistics Northern Drug Study Group (Ripon, CA).

Forensic Science: Using Science to Solve Crime. Person EC. 2006 Nov 21; Osher Lifelong Learning Institute (Fresno, CA).

Forensic Science: Using Science to Solve Crime. Person EC. 2006 Oct 26; Fresno State College of Science and Mathematics Teacher Appreciation Day (Fresno, CA).

Evaluation of Phenylephrine Extraction Conditions. Person EC, Gandler A*, Scott S*, Sunderson N*, Vydro L*. 2006 Sep 9; Clandestine Laboratory Investigating Chemists 16th Annual Technical Training Seminar (Montreal, Quebec).

Elemental Identification of Lithium in Clandestine Laboratory Casework By Atomic Emission Spectroscopy. Person EC, Savopolos JA*. 2006 Sep 9; Clandestine Laboratory Investigating Chemists 16th Annual Technical Training Seminar (Montreal, Quebec).

Mass Spectral Interpretation of Phenethylamines. Person EC. 2006 Sep 6; Clandestine Laboratory Investigating Chemists 16th Annual Technical Training Seminar (Montreal, Quebec).

The Role of the Chemist in Clandestine Laboratory Investigation. Person EC. 2006 Feb 9; Sonoma State Chemistry Department Seminar (Rohnert Park, CA).

The Role of the Chemist in Clandestine Laboratory Investigation. Person EC. 2005 Nov 4; Carleton College Chemistry Department Seminar (Northfield, MN)

Clandestine Laboratory Analysis – Pseudoephedrine Extraction. Person EC. 2005 Sep 19; California Criminalistics Institute – Clandestine Laboratory Synthesis Class (Sacramento, CA).

Phosphorus-Containing Reducing Agents. Person EC, Knops LA, Northrop, DM. 2005 Sep 7; Clandestine Laboratory Investigating Chemists 15th Annual Technical Training Seminar (St. Louis, MO).

The Forensic Investigation of Clandestine Laboratories December 15, 2004
CSU Fresno Department of Chemistry – Fresno, CA

Training Videos and Grant Results Update October 14, 2004
WSP Chemistry Functional Area Meeting Fall 2004 – Seattle, WA

“One-Pot” Methamphetamine Manufacture September 11, 2004
Clandestine Laboratory Investigating Chemists 14th Annual Technical Training Seminar – Portland, OR

The Significance of 2,2,3,4-Tetramethyl-5-phenyl-oxazolidine September 11, 2004
Clandestine Laboratory Investigating Chemists 14th Annual Technical Training Seminar – Portland, OR

1-(1’4’-Cyclohexadienyl)-2-methylaminopropane (CMP) Structure Determination September 8, 2004
Clandestine Laboratory Investigating Chemists 14th Annual Technical Training Seminar – Portland, OR

The Chemistry of Methamphetamine Manufacture July 21, 2004
Snohomish County Bar Association

The Clandestine Manufacture of Methamphetamine: Chemistry and Trends June 22, 2004
Snohomish County Meth Watch / Snohomish County Meth Action Team

A “One-Pot” Methamphetamine Manufacture Method May 6, 2004
WSP Chemistry Functional Area Meeting Spring 2004

2,2,3,4-Tetramethyl-5-phenyl-oxazolidine: Significance and Use in Distinguishing Pseudoephedrine and Ephedrine May 6, 2004
WSP Chemistry Functional Area Meeting Spring 2004

Clandestine Laboratory Synthesis Workshop (co-taught with Matt Jorgenson) April 19-21, 2004
Northwest Association of Forensic Scientists Spring 2004 Meeting – Missoula, MT
20 hour workshop including classroom instruction, discussion, and laboratory experiments

“One-Pot” Methamphetamine Manufacture Northwest Association of Forensic Scientists Spring 2004 Meeting – Missoula, MT	April 23, 2004
Capillary Electrophoretic Analysis of Clandestine Methamphetamine Laboratory Evidence National Institute of Justice Grantee’s Meeting – Dallas TX	February 17, 2004
WSP Booth – Safety Considerations in Processing a Methamphetamine Laboratory Snohomish County Youth Methamphetamine Summit – Everett WA	February 4, 2004
Byproducts of the Lithium-Ammonia Method of Methamphetamine Manufacture Sacramento County Crime Laboratory	January 5, 2004
1-(1’4’-Cyclohexadienyl)-2-methylaminopropane (CMP) Structure Determination WSP Chemistry Functional Area Meeting Winter 2003	December 15, 2003
Clandestine Laboratories – Ammonia Generation Demonstration WSP-SWAT Annual Refresher Training at WSP Academy	November 20, 2003
Clandestine Ammonia Generation (Assisted Lori Knops in Giving the Presentation) Skagit and Island County Detectives Meeting, Mount Vernon Police Department	November 12, 2003
Clandestine Ammonia Generation Northwest Association of Forensic Scientists Fall 2003 Meeting – Portland, OR	October 17, 2003
Clandestine Ammonia Generation Clandestine Laboratory Investigating Chemists 13 th Annual Technical Training Seminar – Richmond, VA	September 6, 2003
Clandestine Laboratories – Ammonia Generation Demonstration Tulalip Washington	March 26, 2003
Clandestine Drug Laboratories – Evidence Handling for Washington Tribal Police Tulalip Washington	2002
Marijuana Analysis Training for Ms. Lori Knops, Forensic Scientist I	2003
Opiate Analysis Training for Ms. Lori Knops, Forensic Scientist I	2003
Ethics in Law Enforcement for Everett Community College	2002
Clandestine Drug Laboratories – Basic Chemistry, Hazards, and Sampling for SRDTF	2002
Clandestine Drug Laboratories – The Lithium and Ammonia Method	2001
Controlled Substance Analysis in the Seattle Crime Laboratory (for Prosecutors)	2001
Cocaine Analysis Training for Mr. Scott Fung, Forensic Scientist I	2001
Courtroom Testimony Training for Mr. Scott Fung, Forensic Scientist I	2001
Thesis Seminar – “Albumin Regulates Induction of Peroxisome Proliferator-Activated Receptor- γ (PPAR γ) by 15-Deoxy- Δ^{12-14} -prostaglandin J ₂ <i>in vitro</i> and May Be an Important Regulator of PPAR γ function <i>in vivo</i> .”	2001
Research Seminar – “Importance of Historical Contingency in the Stereochemistry of Hydratase-dehydratase Enzymes.”	1995

Qualified in Superior Courts in the State of Washington as an Expert in Forensic Chemical Analysis more than 40 times (King, Kitsap, Jefferson, Clallam, Snohomish, Skagit, and Whatcom Counties)

More than 50 other presentations as a graduate student, summer researcher, and peer counselor in addition to posters presented at research conferences.

* denotes student authors

GRANTS RECEIVED

3 WTU	College of Science and Mathematics Scholarly Release Time Student Research, Manuscript Preparation, and Grant Preparation	2009-2010
3 WTU	College of Science and Mathematics Scholarly Release Time Student Research, Manuscript Preparation, and Grant Preparation	2008-2009
\$351,529	American Vineyard Foundation (co-investigator with Roy Thorton) Quantification of Rot in Wine Grapes (over 3 years)	2008
\$99,823	Agricultural Research Initiative (co-investigator with Roy Thorton) Quantification of Microbial Rot in Wine Grapes	2008
\$2500	Center for Enhancement of Teaching and Learning Integration of Supplemental Streaming Video Instruction into Chem 105	2008
6 WTU	College of Science and Mathematics Scholarly Release Time Student Research, Manuscript Preparation, and Grant Preparation	2007-2008
3 weeks	College of Science and Mathematics Summer Professional Development Student Research, Manuscript Preparation, and Grant Preparation	2007
\$81,014	College of Science and Mathematics Instructional Equipment Gas Chromatograph – Mass Spectrometer	2007
\$1,737	College of Science and Mathematics Performance Award Travel to Clandestine Laboratory Investigating Chemists Training Seminar & Printer	2007
6 WTU	College of Science and Mathematics Scholarly Release Time Student Research, Grant Preparation, and Forensic Science Program Development	2006-2007
\$12,042	College of Science and Mathematics Instructional Equipment Infrared Spectrophotometer Upgrade	2006
8 weeks	College of Science and Mathematics Summer Professional Development Student Research, Manuscript Preparation, and Grant Preparation	2006
\$1,200	College of Science and Mathematics Performance Award Travel to Clandestine Laboratory Investigating Chemists Training Seminar	2006
\$316,222	National Institute of Justice (2003-LT-BX-K004) Capillary Electrophoretic Analysis of Clandestine Methamphetamine Laboratory Evidence	2003-2005

PROFESSIONAL MEMBERSHIPS

American Chemical Society	Member
American Academy of Forensic Science	Member
California Association of Criminalistics	Provisional Member
Clandestine Laboratory Investigating Chemists	Associate Member, member seminar planning committee, member steering committee
American Society of Testing and Materials	Member E30 Committee (non-voting)

PROFESSIONAL DEVELOPMENT / CONTINUING EDUCATION

Electronic Admissions Workshop California State University, Fresno, Graduate Division	October 3, 2008
Clandestine Laboratory Investigating Chemists Association 18 th Annual Technical Training Seminar San Antonio, TX	September 3-6, 2008
Partners in Excellence California State University, Fresno, CETL	Fall 2008

Forensic Microscopy Mc Crone Institute & California Criminalistics Institute Sacramento, CA	June 23-27, 2008
Northern California Drug Study Group California Association of Criminalistics Oakland, CA	June 11, 2008
CADRE Training (science content delivery and pedagogy modeling to K-8 teachers) K-12 Alliance	April 24-26, 2008
29 th Annual Central California Research Symposium California State University, Fresno	April 16, 2008
Successful Program Orientations California State University, Fresno, Graduate Division	April 3, 2008
Center for the Enhancement of Teaching and Learning Regional Conference on Excellence in Teaching and Learning	March 28, 2008
Designing and Using Assessment Rubrics California State University, Fresno, CETL	March 25, 2008
Partners in Excellence California State University, Fresno, CETL	Spring 2008
Graduate Admissions II California State University, Fresno, Graduate Division	September 21, 2007
Graduate Admissions I California State University, Fresno, Graduate Division	September 13, 2007
Clandestine Laboratory Investigating Chemists Association 17 th Annual Technical Training Seminar Las Vegas, NV	September 5-8, 2007
Graduate Student Recruitment Workshop California State University, Fresno, Graduate Division	May 10, 2007
American Academy of Forensic Sciences 2007 Annual Meeting San Antonio, TX	February 21-24, 2007
Accreditation of Forensic Science Academic Programs Through the AAFS FEPAC Workshop at AAFS Annual Meeting San Antonio, TX	February 20, 2007
Northern California Drug Study Group California Association of Criminalistics Ripon, CA	January 25, 2007
University Web Standard II California State University, Fresno, Digital Campus	December 11, 2006
University Web Standard I California State University, Fresno, Digital Campus	December 6, 2006
Dreamweaver II California State University, Fresno, Digital Campus	November 28, 2006
Dreamweaver I California State University, Fresno, Digital Campus	November 14 and 16, 2006
Facilitating Critical Thinking California State University, Fresno, CETL	October 18, 2006
University Web Standard: Planning and Preparation California State University, Fresno, Digital Campus	October 3, 2006
Peoplesoft Advising Screen Training California State University, Fresno, Digital Campus	September 12, 2006

Clandestine Laboratory Investigating Chemists Association 16 th Annual Technical Training Seminar Montreal, QB	September 6-9, 2006
Course and Curriculum Proposal Workshop California State University, Fresno	August 31, 2006
Blackboard Summer Institute for Online Teaching California State University, Fresno, Digital Campus	June 5-7, 2006
Great Ideas for Recruiting Graduate Students California State University, Fresno, Division of Graduate Studies	March 17, 2006
American Academy of Forensic Sciences 2006 Annual Meeting Seattle, WA	February 22-25, 2006
Sexual Harassment Prevention for Supervisors California State University, Fresno	February 3, 2006
RTP Workshop California State University, Fresno	September 14, 2005
Clandestine Laboratory Investigating Chemists Association 15 th Annual Technical Training Seminar St. Louis, MO	September 7-10, 2005
Graduate Advising Workshop California State University, Fresno, Division of Graduate Studies	September 1, 2005
New Faculty Orientation California State University, Fresno	August 18-19, 2005
Smart Classroom Orientation California State University, Fresno, Digital Campus	August 16, 2005
Blackboard Communication Tools California State University, Fresno, Digital Campus	June 30, 2005
Blackboard Assessment Tools California State University, Fresno, Digital Campus	June 30, 2005
Blackboard Orientation California State University, Fresno, Digital Campus	June 29, 2005
Mentoring Training California State University, Fresno, Mentoring Institute	June 23-24, 2005
Clandestine Laboratory Investigating Chemists Association 14 th Annual Technical Training Seminar Portland, OR	September 8-11, 2004
Northwest Association of Forensic Scientists Spring 2004 Meeting Northwest Association of Forensic Scientists Members and Guests Mathew Jorgenson and Eric Person, WSP - Clandestine Laboratory Synthesis Stacy Marten, Thermo Electron – Analysis of Clan Lab Evidence by Raman Spectroscopy	April 19-23, 2004
American Academy of Forensic Sciences 2004 Meeting	February 18-21, 2004
National Institute of Justice 2004 Grantee's Meeting	February 17, 2004
Northwest Association of Forensic Scientists Fall 2003 Meeting Northwest Association of Forensic Scientists Members and Guests Roger Ely, DEA Western Laboratory – Clan Lab Production Capacity and P2P Refresher Kevin Gable, Oregon State University – Mass Spectral Interpretation	October 14-17, 2003
Clandestine Laboratory Investigating Chemists Association 13 th Annual Technical Training Seminar	September 3-6, 2003
Capillary Electrophoresis	April 2003

Dr. David Northrop – WSP Crime Laboratory	
Fourier Transform Infrared Spectroscopy Nicolet Staff	May 2002
Gas Chromatography-Mass Spectrometry Agilent Staff	May 2002
DEA Forensic Chemists Seminar DEA Special Testing and Research Laboratory Staff	April 2002
Interpersonal Communication Mr. Olsen – Everett Community College	Spring 2002
X-Ray Fluorescence Dr. Ed Suzuki – WSP Crime Laboratory	Winter 2001
Infrared Spectroscopy Dr. Ed Suzuki – WSP Crime Laboratory	Summer 2001
Clandestine Laboratory Site Safety CADRE Staff	July 2001
American Academy of Forensic Sciences 2001 Meeting	January 2001
Administration of Justice – Principles and Procedures Lt. Scales – College of San Mateo	Spring 2000
Legal Aspects of Evidence Lt. Scales – College of San Mateo	Spring 2000
Criminal Investigation Lt. Scales – College of San Mateo	Spring 2000
Assorted Other On-The-Job Training Received Mr. Martin McDermot – Seattle Dr. David Northrop – Marysville Mr. Steven Reid – Seattle Mr. Mark Strongman – Seattle Dr. Ed Suzuki – Seattle Mr. Ron Wojciechowski – Tacoma	January 2001 – June 2005

SERVICE

COMMITTEE WORK

Department Graduate Committee	Sept 2006 – current
Department Safety Committee	Sept 2006 – current
Department Equipment Committee	ad hoc, Sept 2005 – current
Department Recruitment Committee	Fall 2006 – current
Faculty Search Committee – Analytical Chemistry	2006-7
Faculty Search Committee – Forensic Biochemistry	2005-6
Forensic Science Steering Committee	Fall 2008 – May 2009
College Research Committee	Spring 2006 – May 2009
<i>Chair of committee from Fall 2006 to current</i>	
California State University, Fresno Academic Senate	Feb 2006 – April 2009
Student Success Task Force	May 2007 – current
Ph.D. Thesis Committee of Susan Seese, Capella University	June 2006 – April 2009
M.S. Thesis Committee of Jessica Savopolos, Fresno State Forensic Science	Fall 2006 – Dec 2009
M.S. Thesis Committee of Seth Yates, Fresno State Chemistry	Fall 2007 – May 2009

M.S. Thesis Committee of Brian Shamp, Fresno State Chemistry	Summer 2008 – current
M.S. Thesis Committee of Brittany Rowland, UC Davis	August 2008 – May 2009
M.S. Thesis Committee of Erik Mallea, Fresno State Enology	Fall 2008 – current

OTHER SERVICE

CLIC Steering Committee	Sept. 2008 – current
CLIC Seminar Committee	Sept. 2007 – current
Department Webmaster	Sept. 2006 – current
Technical Paper Review for Clandestine Laboratory Journal (JCLIC) (2)	2009
Forensic Science Program Director	Feb. 2007 – May 2009
Chair, American Chemical Society – San Joaquin Valley Section	Jan. 2008 – Jan. 2009
Technical Paper Review for Clandestine Laboratory Journal (JCLIC) (2)	2008
K12 Alliance – Tulare Teaching Learning Cooperative Content Expert	Feb. 13, 2008
Application Reader, Smittcamp Family Honors College	Spring 2008
Chair Elect, American Chemical Society – San Joaquin Valley Section	Jan. 2007 – Jan. 2008
Technical Paper Review for Clandestine Laboratory Journal (JCLIC) (1)	2007
Application Reader, Smittcamp Family Honors College	Spring 2007
Secretary, American Chemical Society – San Joaquin Valley Section	Jan. 2006 – Jan. 2007
New Faculty Orientation – RTP Panel	September 13, 2006
Forensic Science Program Director	Sept. 2005 – Aug. 2006
Application Reader, Smittcamp Family Honors College	Spring 2006
Technical Paper Reviews for Clandestine Laboratory Journal (JCLIC) (3)	2006
Guest Instructor for the California Criminalistics Institute	Sept. 19, 2006
Vice President, Clandestine Laboratory Investigating Chemists' Assoc.	Sept. 2004 – Sept. 2005
Presentation at Colwa Elementary School Career Day	Jan. 4, 2006
Content Expert for Tulare City Math and Science Partnership	Oct. 17&19, 2005

AWARDS, HONORS, AND EXTERNAL RECOGNITION

Fresno State Campus Advisor's Network Outstanding Advisor Nominee, 2009

Fresno State Best in Show, 2009

American Academy of Forensic Sciences Regional Award, 2006

Elected Secretary, American Chemical Society – San Joaquin Section, 2005-2006

Elected Vice President, Clandestine Laboratory Investigating Chemists Association, 2004-2005

Employee of the Year, Marysville Crime Laboratory, 2003

NIJ Grant 2003-LT-BX-K004, \$316,222 for the analysis of methamphetamine laboratories, 2003

Excellence in Public Safety Chief's Coin, Washington State Patrol, 2002

Howard Hughes Medical Institute Fellowship – honorable mention, 1996

National Science Foundation Graduate Fellowship – honorable mention, 1996

Magna cum laude, Carleton College 1995

Phi Beta Kappa, 1995

Sigma Xi, 1995

American Institute of Chemists Foundation Student Award, 1995

Honors in Independent Study, "Importance of Historical Contingency in the Stereochemistry of Hydratase-dehydratase Enzymes", 1995

Council for Undergraduate Research Fellow, 1994

Dean's List, Carleton College, 1994

Associated Western Universities Student Research Fellowship, 1993

Dean's List, Carleton College, 1992

CRC Freshman Chemistry Award, 1992