

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 2007	CHEM 225	Separation Methods in Chemistry (3 WTU)
	CHEM 251	Forensic Drug Chemistry and Toxicology (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 2007	Assigned Time (6 WTU)	forensic chemistry research and program development
Fall 2006	Assigned Time (6 WTU)	forensic chemistry research and program development
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

REFEREED PUBLICATIONS

- 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 J_2 *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

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| The Role of the Chemist in Clandestine Laboratory Investigation
Sacramento State Chemistry Department – Sacramento, CA | March 9, 2007 |
| Forensic Science: Using Science to Solve Crime
JFK Jr. Junior High School – Hanford, CA | February 9, 2007 |
| Method Validation for Forensic Chemists
California Association of Criminalistics Northern Drug Study Group – Ripon, CA | January 25, 2007 |
| Forensic Science: Using Science to Solve Crime
Osher Lifelong Learning Institute – Fresno, CA | November 21, 2006 |
| Forensic Science: Using Science to Solve Crime
Fresno State Teacher Appreciation Day – Fresno, CA | October 26, 2006 |
| Mass Spec Interpretation of Phenethylamines
Clandestine Laboratory Investigating Chemists 16 th Annual Technical Training Seminar – Montreal, Quebec | September 6, 2006 |
| The Role of the Chemist in Clandestine Laboratory Investigation
Sonoma State Chemistry Department – Rohnert Park, CA | February 9, 2006 |
| The Role of the Chemist in Clandestine Laboratory Investigation
Carleton College Chemistry Department – Northfield, MN | November 4, 2005 |
| Clandestine Laboratory Analysis – Pseudoephedrine Extraction
California Criminalistics Institute – Sacramento, CA | September 19, 2005 |
| Phosphorus-Containing Reducing Agents
Clandestine Laboratory Investigating Chemists 15 th Annual Technical Training Seminar – St. Louis, MO | September 7, 2005 |
| The Forensic Investigation of Clandestine Laboratories
CSU Fresno Department of Chemistry – Fresno, CA | December 15, 2004 |
| Training Videos and Grant Results Update
WSP Chemistry Functional Area Meeting Fall 2004 – Seattle, WA | October 14, 2004 |
| "One-Pot" Methamphetamine Manufacture
Clandestine Laboratory Investigating Chemists 14 th Annual Technical Training Seminar – Portland, OR | September 11, 2004 |
| The Significance of 2,2,3,4-Tetramethyl-5-phenyl-oxazolidine
Clandestine Laboratory Investigating Chemists 14 th Annual Technical Training Seminar – Portland, OR | September 11, 2004 |

1-(1'4'-Cyclohexadienyl)-2-methylaminopropane (CMP) Structure Determination Clandestine Laboratory Investigating Chemists 14 th Annual Technical Training Seminar – Portland, OR	September 8, 2004
The Chemistry of Methamphetamine Manufacture Snohomish County Bar Association	July 21, 2004
The Clandestine Manufacture of Methamphetamine: Chemistry and Trends Snohomish County Meth Watch / Snohomish County Meth Action Team	June 22, 2004
A “One-Pot” Methamphetamine Manufacture Method WSP Chemistry Functional Area Meeting Spring 2004	May 6, 2004
2,2,3,4-Tetramethyl-5-phenyl-oxazolidine: Significance and Use in Distinguishing Pseudoephedrine and Ephedrine WSP Chemistry Functional Area Meeting Spring 2004	May 6, 2004
Clandestine Laboratory Synthesis Workshop (co-taught with Matt Jorgenson) Northwest Association of Forensic Scientists Spring 2004 Meeting – Missoula, MT 20 hour workshop including classroom instruction, discussion, and laboratory experiments	April 19-21, 2004
“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 J₂ *in vitro* and May Be an Important Regulator of PPAR γ function *in vivo*.” 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.

GRANTS RECEIVED

6 WTU	College of Science and Mathematics Scholarly Release Time Student Research, Manuscript Preparation, and Grant Preparation	2007-2008
\$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
\$9,488	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, Chair-elect San Joaquin Chapter
American Academy of Forensic Science	Associate Member
California Association of Criminalistics	Provisional Member
Clandestine Laboratory Investigating Chemists	Associate Member
Northwest Association of Forensic Science	Associate Member

PROFESSIONAL DEVELOPMENT / CONTINUING EDUCATION

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
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 Dr. David Northrop – WSP Crime Laboratory	April 2003
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	January 2001 - current
Mr. Martin McDermot – Seattle	
Dr. David Northrop – Marysville	
Mr. Steven Reid – Seattle	
Mr. Mark Strongman – Seattle	
Dr. Ed Suzuki – Seattle	
Mr. Ron Wojciechowski – Tacoma	

SERVICE

COMMITTEE WORK

Department Graduate Committee	Sept 2006 – current
Department Safety Committee	Sept 2006 – current
Department Equipment Committee	ad hoc, Sept 2005 – current
Search Committee – Analytical Chemistry	2006-7
Search Committee – Forensic Biochemistry	2005-6
College Recruitment Committee	June 2006 – current
College Research Committee	2006 – current
California State University, Fresno Academic Senate	Feb 2006 – current
Ph.D. Thesis Committee of Susan Seese, Capella University	June 2006 – current

OTHER SERVICE

New Faculty Orientation – RTP Panel	September 13, 2006
Department Webmaster	Sept. 2006 – current
Forensic Science Program Director	Sept. 2005 – Aug. 2006
Application Reader, Smittcamp Family Honors College	Spring 2006
Paper Reviews for Journal of the Clandestine Laboratory Investigating Chemists' Association (3)	
Guest Instructor for the California Criminalistics Institute	Sept. 19, 2006
Secretary, American Chemical Society – San Joaquin Valley Section	Jan. 2006 – current
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

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