## STATE OF CONNECTICUT

## **DEPARTMENT OF** EMERGENCY SERVICES AND PUBLIC PROTECTION DIVISION OF SCIENTIFIC SERVICES



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Guy M. Vallaro, Ph.D. Director

This is to act as an example of a PTP template. Modules/Topics may be added/removed or

Expected	<b>T</b>
ing Mentor:	
Subject: Personal Training plan, (PTP); Toxicology Unit;	
Date:	7
From:	
Cc:	
To:	

# **Training Mentor:**

Т	opic	Expected Completion Date	Trainees initial/date	Trainer initial/date
General Introduction to Division / Section / Unit	General Orientation; Safety (Bloodborne Pathogen / Chemical Safety); T&L Ethics; Meet Co-Workers			
Familiarization of Toxicology Sample Handling / Analysis / Inventory	Blood; Urine; Vitreous Humor; General Chemical Handling / Labeling; Equipment / Materials in Toxicology Unit			
Literature review	Unit SOPs; Reference articles (ongoing); Maintain reading list in training log	Ongoing		

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Topic		Expected Completion Date	Trainees initial/date	Trainer initial/date
Shadowing of Examiners (throughout Section and Division)	Log daily activity within Training Log	Ongoing		
Qualtrax	SOPs, Workflows, Tasks, Trainings			
Inventory / Ordering Supplies ; Process Packing Slips ; Storage	Maintaining adequate supplies ; quotes ; purchase requests ; packing slips			
Accessioning Cases	Proper storage: Assigning casework in JTrax			
General QA/QC Oversight	Data Recording for Unit Refrigerators and Freezers; Instrument QA/QC adherence; Millipore System; Balances; pipettes; Organization of documents; Adherence to SOPs and accreditation (ANAB/ISO17026)			

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Topic		Expected Completion Date	Trainees initial/date	Trainer initial/date
Evidence Handling* /				
Security				
	ERU shadow; Receipt,			
*Upon signing-off then	Storage, Return evidence;			
handling of evidentiary	Evidence security			
material is authorized	(Proper seal, storage, transfer)			
(Qualtrax Workflow-				
LIMS-Plus)				
	JusticeTrax;			
	LIMS-Plus operation			
Laboratory Information	Viewing, creating, editing data			
Management System				
(LIMS)	Itemization of evidence			
Laboratory Information	Transferring evidence;			
Management System	Handling Discrepancies			
(LIMS) – Cont'd	Lindatina milagtanas (a. a.			
	Updating milestones (e.g.,			
	Draft Report, Technical review, Administrative review)			
	review, Administrative review)			
Case Destruction**	Paperwork;			
	Actual Destruction**;			
**Evidence sign-off needed	Issuing Destruction Reports			
<b>Levey-Jennings Charts and</b>	Inputting Data ; Ensuring			
Data	Accuracy of Data			



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Торіс		Expected Completion Date	Trainees initial/date	Trainer initial/date
Preparation of controls, reagents, standards	All Relevant Unit SOPs			
Extractions (Solid Phase)	All Relevant Unit SOPs; GDS; WAN/BDS; Quantitations; All matrices			
Immunoassays: (Enzyme Multiplied	Theory; All relevant SOPs			
Immunoassay Technique (EMIT); Enzyme-Linked Immunosorbent Analysis (ELISA)	Instrument software / operation; Daily QA/QC			
	Sample preparation; Data Processing/Interpretation			
	Data Backup; Maintenance			
Gas Chromatography / Mass Spectrometry (GC/MS)	Theory; Methods commonly used; SOPs			
	Instrument software / operation ; Daily QA/QC			
	Sample preparation ; Data Processing/Interpretation			
	Data Backup ; Maintenance			

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Торіс		Expected Completion Date	Trainees initial/date	Trainer initial/date
Liquid Chromatography / Mass Spectrometry (LC/MS) - all	Theory ; Methods commonly used ; SOPs			
	Instrument software / operation ; Daily QA/QC			
	Sample preparation; Data Processing/Interpretation			
	Data Backup; Maintenance			
Instrument Operation***	***Upon signing-off then operation of specific instruments are authorized.	Ongoing		
Reference Standards and	Finding reference			
<b>Verifications Preparation</b>	standards/paperwork			
of controls, reagents,				
standards	Verification of reference standards using GC/MS &/or LC/MS			
Case Files	Case documentation			
	Data needed within case files			
	Unit forms			
	Finding older case files			

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Topic		Expected Completion Date	Trainees initial/date	Trainer initial/date
Measurement Uncertainty	Calculation of measurement uncertainty for both drug and volatile quantitations			
Case Observations; (5) each; Record lab numbers in training log	Immunoassays  Extractions (qual./quant.);  HS-GC/MS  GC/MS (qual./quant)  LC/MS (qual./quant.)  LC/HR-MS			
Written Competency Tests including relevant SOPs; Completed and Reviewed	Immunoassays  Extractions (qual./quant.);  HS-GC/MS  Qualitative Drug Analysis (GC/MS; LC/MS)  Quantitative Drug Analysis (GC/MS; LC/MS)  LC/HR-MS			

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Topic		Expected Completion Date	Trainees initial/date	Trainer initial/date
	Immunoassays			
	Extractions (qual./quant.);			
Practical Competency Tests; Completed and Reviewed	HS-GC/MS			
	GC/MS (qual./quant)			
	LC/MS (qual./quant.)	<b>*</b>		
	LC/HR-MS			
Courtroom Testimony	Various Disciplines			
<b>Observations</b>	(Per Se; DUI; DUID; Sexual			
Observations	Assault; Postmortem)			
Moot Court #1	DUI-type case			
Moot Court #2	Sexual Assault-type case			
Moot Court #3	Postmortem-type case			

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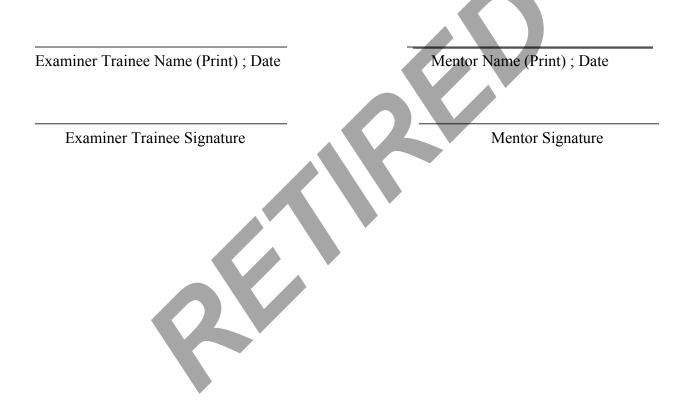


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This is to act as an example of a PTP template. Modules/Topics may be added/removed or modified as appropriate to the level of experience of the trainee.

Expected Completion dates for each unit of training is a guideline. However, if expected completion dates for training milestones are not achieved then reasons for the delay(s) will be captured within training logs by the trainee.



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This is to act as an example of a PTP template. Modules/Topics may be added/removed or modified as appropriate to the level of experience of the trainee.

Signatures below are to be filled out **ONLY** after the above check list has been completed.

I certify that all the above training has been completed and the trainee is recommended for

authorization to work cases within the Controlled Substances Ur	<u>nit:</u>	
Examiner Trainee (signature):	Date:	-
Lead Examiner (signature):	Date:	-
Section Supervisor (signature):	Date:	
Deputy Director (signature):	Date:	