

CURRICULUM VITAE

**Tara Reinholz, MS, MT(ASCP)MB<sup>CM</sup>**  
reinholz@forsci.com

**EXPERIENCE:**

JUNE 2011 TO PRESENT:

**FORENSIC SCIENTIST**  
FORENSIC SCIENCE CONSULTANTS, INC.  
1099 W. GRAND RIVER AVENUE  
P.O. BOX 514  
WILLIAMSTON, MI 48895

MAY 2008 TO PRESENT:

**RESEARCH ASSISTANT**  
WAYNE STATE UNIVERSITY  
SCHOOL OF MEDICINE  
APPLIED GENOMICS TECHNOLOGY CENTER  
C.S. MOTT CENTER  
275 E. HANCOCK  
DETROIT, MI 48201

OCTOBER 2002 TO APRIL 2008:

**FORENSIC SCIENTIST**  
BIOLOGY/DNA UNIT  
MICHIGAN STATE POLICE  
NORTHVILLE LABORATORY  
42145 W. SEVEN MILE  
NORTHVILLE, MI 48167

APRIL 2001 – OCTOBER 2002:

**RESEARCH ASSISTANT**  
CENTER FOR MOLECULAR MEDICINE AND GENETICS  
WAYNE STATE UNIVERSITY  
5107 BIOLOGICAL SCIENCES BUILDING  
5047 GULLEN MALL  
DETROIT, MI 48202

JULY 2000 – OCTOBER 2000:

**FORENSIC DNA ANALYST**  
LAKE COUNTY REGIONAL FORENSIC LABORATORY  
235 FAIRGROUNDS ROAD  
PAINESVILLE, OH 44077

**EDUCATION:**

SEPTEMBER 2008 – PRESENT:

**WAYNE STATE UNIVERSITY**  
SCHOOL OF BUSINESS ADMINISTRATION  
DETROIT, MI 48201  
Have completed the following undergraduate courses:  
Operations and Supply Chain Management  
Microeconomics  
Marketing Management  
Introduction to Financial Accounting  
Management of Organizational Behavior

MAY 2002: **MASTER OF SCIENCE IN CRIMINAL JUSTICE WITH SPECIALIZATION IN FORENSIC SCIENCE**  
 COLLEGE OF SOCIAL SCIENCE  
 MICHIGAN STATE UNIVERSITY  
 EAST LANSING, MI 48824

JUNE 2000: **CERTIFICATE IN MOLECULAR LABORATORY DIAGNOSTICS**  
 MEDICAL TECHNOLOGY PROGRAM  
 MICHIGAN STATE UNIVERSITY  
 EAST LANSING, MI 48824

MAY 1998: **BACHELOR OF SCIENCE IN CLINICAL LABORATORY SCIENCES**  
 COLLEGE OF NATURAL SCIENCE  
 MICHIGAN STATE UNIVERSITY  
 EAST LANSING, MI 48824

**CERTIFICATIONS:** **AMERICAN SOCIETY FOR CLINICAL PATHOLOGY (ASCP)**  
 MEDICAL LABORATORY SCIENTIST (1998)  
 MOLECULAR BIOLOGY TECHNOLOGIST (2003)

**PROFESSIONAL MEMBERSHIPS:** **ASSOCIATION OF BIOMOLECULAR RESOURCE FACILITIES (2010-2012)**

**INTERNATIONAL ASSOCIATION OF BLOODSTAIN PATTERN ANALYSTS (2005-2011)**

**MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS (member since 2003)**  
 RESEARCH COMMITTEE CHAIR (2011-2012)  
 RESEARCH COMMITTEE CHAIR (2010-2011)  
 RESEARCH COMMITTEE CHAIR (2009-2010)  
 RESEARCH COMMITTEE (2008-2009)  
 AWARDS COMMITTEE CHAIR (2007-2008)  
 AWARDS COMMITTEE (2006-2007)  
 AWARDS COMMITTEE (2005-2006)

**THE AMERICAN SOCIETY OF HUMAN GENETICS (2003-2012)**

**AMERICAN ACADEMY OF FORENSIC SCIENCES (member since 2000)**  
 CRIMINALISTICS

**AMERICAN SOCIETY FOR CLINICAL LABORATORY SCIENCE (1995-2012)**

**COMMENDATIONS:**

JUNE 2008: **AWARD FOR PROFESSIONAL EXCELLENCE**  
 MICHIGAN STATE POLICE

NOVEMBER 2005: **CHIEF'S AWARD FOR OUTSTANDING SERVICES**  
 SOUTHFIELD POLICE DEPARTMENT

**CIVILIAN CITATION FOR OUTSTANDING SERVICES**  
 SOUTHFIELD POLICE DEPARTMENT

DECEMBER 2005:

**CERTIFICATE OF MERIT**  
WESTLAND POLICE DEPARTMENT

**TRAINING RECEIVED:**

FEBRUARY 2013

**BLOCK THE NORMAL—SEE THE MUTANT; FIND THEM WITH castPCR™ TECHNOLOGY**

LIFE TECHNOLOGIES  
WEBINAR

**MANUAL AND AUTOMATED LARGE - VOLUME EXTRACTION OF CIRCULATING NUCLEIC ACIDS**

QIAGEN  
WEBINAR

DECEMBER 2011

**APPLICATIONS OF NEXT-GENERATION SEQUENCING IN CLINICAL CARE**

ILLUMINA  
WEBINAR

SEPTEMBER 2011

**PYROSEQUENCING INSTRUMENT TRAINING**

QIAGEN  
DETROIT, MICHIGAN

AUGUST 2011

**iPLEX GOLD-384 GENOTYPING & OncoCarta SOMATIC MUTATION ANALYSIS**

SEQUENOM  
DETROIT, MICHIGAN

JULY 2011

**SEQUENOM MassARRAY EpiTYPER METHYLATION TRAINING**

SEQUENOM  
DETROIT, MICHIGAN

**NEXT-GENERATION SEQUENCING FOR THE CLINICAL LABORATORY**

COLLEGE OF AMERICAN PATHOLOGISTS  
WEBINAR

JUNE 2011

**SEQUENOM MassARRAY EpiTYPER METHYLATION PRE-TRAINING**

SEQUENOM  
DETROIT, MICHIGAN

**QIAGEN SYMPOSIUM**

QIAGEN  
ANN ARBOR, MICHIGAN

**PYROSEQUENCING FOR CPG METHYLATION ANALYSIS IN EPIGENETICS RESEARCH**

QIAGEN  
WEBINAR

**TRAINING RECEIVED (continued):**

MAY 2011	<p><b>WHOLE GENOME SEQUENCING APPLIED TO CLINICAL DIAGNOSTICS: THE SIGNIFICANCE TO THE RESEARCH COMMUNITY</b>                  X-GEN CONGRESS                  WEBINAR</p> <p>IMPACT OF WHOLE GENOME SEQUENCING ON COMPANION DIAGNOSTICS                  BIOMARKER WORLD CONGRESS                  WEBINAR</p>
MARCH 2011	<p><b>ISO 15189 QMS &amp; CLIA MANAGEMENT TRAINING</b>                  QUALITY ADVANTAGE                  DETROIT, MICHIGAN</p>
JANUARY 2011	<p><b>FFPE AND SMALL SAMPLE GENE EXPRESSION PROFILING WITH PCR ARRAYS</b>                  SABiosciences                  WEBINAR</p>
DECEMBER 2010	<p><b>EXOME SEQUENCING &amp; MENDELIAN GENETICS</b>                  ILLUMINA                  WEBINAR</p> <p><b>SIMULTANEOUS DETECTION OF GENOME-WIDE OR PATHWAY-FOCUSED miRNA</b>                  SABiosciences                  WEBINAR</p>
DECEMBER 2010	<p><b>MINING THE CANCER METHYLOME</b>                  ILLUMINA                  WEBINAR</p> <p><b>INFORMED CONSENT AND COUNSELING FOR WHOLE-GENOME SEQUENCING</b>                  ILLUMINA                  WEBINAR</p>
NOVEMBER 2010	<p><b>PROFILE THE METHYLATION STATUS OF MULTIPLE GENES SIMULTANEOUSLY WITHOUT BISULFITE</b>                  SABiosciences                  WEBINAR</p>
OCTOBER 2010:	<p><b>TAQMAN PROTEIN EXPRESSION ASSAYS</b>                  APPLIED BIOSYSTEMS                  WEBINAR</p>
OCTOBER 2009:	<p><b>epMOTION 5075 INSTRUMENT TRAINING</b>                  EPPENDORF                  DETROIT, MICHIGAN</p>
SEPTEMBER 2008:	<p><b>STANDARDIZATION OF CASEWORK AND LCN DNA EXTRACTIONS: A GUIDED USE OF QIAGEN'S MANUAL AND AUTOMATED METHODS</b>                  MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING                  DES MOINES, IOWA</p>

**TRAINING RECEIVED (continued):**

AUGUST 2008:

**EZ-1 ADVANCED INSTRUMENT DEMO**  
QIAGEN  
DETROIT, MICHIGAN

JULY 2008:

**MATRIX HYDRA DT INSTRUMENT DEMO**  
THERMO SCIENTIFIC  
DETROIT, MICHIGAN

MAY 2008:

**MAXWELL-16 INSTRUMENT DEMO**  
PROMEGA  
DETROIT, MICHIGAN

**QIACUBE AND BIOSPRINT-96 INSTRUMENT DEMO**  
QIAGEN  
DETROIT, MICHIGAN

**INFINIUM II ASSAY TRAINING**  
ILLUMINA  
DETROIT, MICHIGAN

FEBRUARY 2008:

**BLOODSTAIN PATTERN ANALYSIS SYMPOSIUM**  
MIDWEST FORENSICS RESOURCE CENTER  
AMES, IOWA

DECEMBER 2007:

**ISO/IEC 17025:2005 AND ASCLD/LAB-INTERNATIONAL**  
ASCLD CONSULTING LLC  
LANSING, MICHIGAN

JANUARY 2007:

**FUNDAMENTALS OF CRIME SCENE INVESTIGATION AND EVIDENCE  
COLLECTION**  
RON SMITH AND ASSOCIATES, INC.  
LANSING, MICHIGAN

**STATISTICS WORKSHOP**  
MICHIGAN STATE POLICE  
NORTHVILLE, MICHIGAN

DECEMBER 2006:

**BLOODSTAIN PATTERN ANALYSIS SEMINAR**  
MICHIGAN STATE POLICE  
LANSING, MICHIGAN

OCTOBER 2006:

**MICROSCOPIC EXPLORATION AND DISCUSSION OF  
BIOLOGICAL SAMPLES BEYOND SPERM SEARCHES**  
MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING  
INDIANAPOLIS, INDIANA

**PROMEGA INTEGRATED SOLUTIONS IN  
FORENSIC DNA TECHNOLOGY**  
MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING  
INDIANAPOLIS, INDIANA

**TRAINING RECEIVED (continued):**

**ESSENTIALS OF A COMPETENT DEFENSE REVIEW OF DNA TESTING RESULTS**  
MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING  
INDIANAPOLIS, INDIANA

OCTOBER 2006: **IMPROVING EFFICIENCY IN A FORENSIC DNA LABORATORY**  
MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING  
INDIANAPOLIS, INDIANA

JULY 2006: **DAUBERT SEMINAR**  
OFFICE OF THE ATTORNEY GENERAL  
LANSING, MICHIGAN

OCTOBER 2005: **EXPERT WITNESS TESTIMONY WORKSHOP**  
MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING  
ST. LOUIS, MISSOURI

SEPTEMBER 2005: **HAMILTON MICROLAB STAR ROBOTICS TRAINING**  
NORTHVILLE, MICHIGAN

JULY 2005: **ADVANCED BLOODSTAIN PATTERN ANALYSIS WORKSHOP**  
KENT COUNTY SHERIFF DEPARTMENT  
GRAND RAPIDS, MICHIGAN

JUNE 2005: **APPLIED BIOSYSTEMS REAL-TIME PCR WORKSHOP**  
NORTHVILLE, MICHIGAN

APRIL 2005: **MEDICOLEGAL INVESTIGATION OF DEATH SEMINAR**  
WAYNE STATE UNIVERSITY  
SCHOOL OF MEDICINE  
DEARBORN, MICHIGAN

MARCH 2005: **BLOODSTAIN PATTERN ANALYSIS SEMINAR**  
MICHIGAN STATE POLICE  
LANSING, MICHIGAN

FEBRUARY 2005: **BLOODSTAIN PATTERN ANALYSIS WORKSHOP**  
MIAMI-DADE POLICE DEPARTMENT  
METROPOLITAN POLICE INSTITUTE  
MIAMI, FLORIDA

SEPTEMBER 2004: **HAIR ANALYSIS FOR DNA ANALYSTS**  
MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING  
ORLANDO, FLORIDA

**BLOODSTAIN PATTERN ANALYSIS FOR THE FORENSIC SCIENTIST**  
MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING  
ORLANDO, FLORIDA

**TRAINING RECEIVED (continued):**

**APPLIED BIOSYSTEMS GENEMAPPER® ID WORKSHOP**  
MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING  
ORLANDO, FLORIDA

MAY 2004: **GENETICS AND STATISTICS IN THE COURTROOM**  
ADVANCED DNA TECHNOLOGY WORKSHOP  
DUCK KEY, FLORIDA

APRIL 2004: **APPLIED BIOSYSTEMS USERS WORKSHOP**  
LANSING, MICHIGAN

OCTOBER 2003: **POPULATION STATISTICS AND FORENSIC DNA ANALYSIS**  
MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING  
COLUMBUS, OHIO

MAY 2003: **ADVANCED DEATH INVESTIGATION**  
MICHIGAN STATE UNIVERSITY  
DEPARTMENT OF ANTHROPOLOGY

SEPTEMBER 2000: **CRIME SCENE MANAGEMENT**  
OHIO PEACE OFFICER TRAINING ACADEMY

**PROFESSIONAL MEETINGS ATTENDED:**

OCTOBER 2010: **MIDWEST ASSOCIATION OF CORE DIRECTORS ANNUAL MEETING**  
CHICAGO, ILLINOIS

**WORLD STEM CELL SUMMIT**  
DETROIT, MICHIGAN

AUGUST 2010: **AMERICAN CHEMICAL SOCIETY NATIONAL MEETING**  
BOSTON, MASSACHUSETTS

OCTOBER 2009: **MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING**  
ORLANDO, FLORIDA

SEPTEMBER 2008: **MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING**  
DES MOINES, IOWA

SEPTEMBER 2007: **MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING**  
TRAVERSE CITY, MICHIGAN

FEBRUARY 2007: **AMERICAN ACADEMY OF FORENSIC SCIENCES MEETING**  
SAN ANTONIO, TEXAS

OCTOBER 2006: **MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING**  
INDIANAPOLIS, INDIANA

OCTOBER 2005: **MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING**  
ST. LOUIS, MISSOURI

**PROFESSIONAL MEETINGS ATTENDED:**

- JUNE 2005: **SIXTH ANNUAL DNA GRANTEES WORKSHOP**  
 UNITED STATES DEPARTMENT OF JUSTICE  
 WASHINGTON D.C.
- SEPTEMBER 2004: **MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING**  
 ORLANDO, FLORIDA
- MAY 2004: **ADVANCED DNA TECHNOLOGY WORKSHOP**  
 BODE TECHNOLOGY GROUP  
 DUCK KEY, FLORIDA
- OCTOBER 2003: **MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS MEETING**  
 COLUMBUS, OHIO

**PRESENTATIONS GIVEN:**

- AUGUST 2010: **CRIME LABORATORY vs. UNIVERSITY RESEARCH LABORATORY: PROBING THE DIFFERENCES IN QUALITY ASSURANCE PROGRAMS**  
 AMERICAN CHEMICAL SOCIETY NATIONAL MEETING  
 BOSTON, MASSACHUSETTS

**TRAINING/EDUCATION PROVIDED:**

- MARCH 2005: **KEY NOTE SPEAKER**  
 WAYNE COUNTY DETECTIVES ASSOCIATION  
 WOODHAVEN, MI 48183
- AUGUST 2004: **SCENE MONITOR**  
 MICHIGAN STATE POLICE HOMICIDE INVESTIGATION SCHOOL
- MAY 2004: **GUEST SPEAKER**  
 ROMULUS HIGH SCHOOL  
 ROMULUS, MI 48174
- JUNE 2003: **SCENE MONITOR**  
 MICHIGAN STATE POLICE HOMICIDE INVESTIGATION SCHOOL
- JUNE 2003: **GUEST SPEAKER**  
 ROMULUS HIGH SCHOOL  
 ROMULUS, MI 48174
- APRIL 2003: **GUEST SPEAKER**  
 DNA DAY  
 HENRY FORD COMMUNITY COLLEGE  
 DEARBORN, MI 48128
- DECEMBER 2002: **GUEST SPEAKER**  
 LEADERSHIP MONROE LAW ENFORCEMENT SESSION  
 MONROE COUNTY SHERIFF DEPARTMENT  
 MONROE, MI 48161