

# Auditing, Consulting, and Training

# **CURRICULUM VITAE**

Terri P. Kelly, RN, MSQA, CCRA, CQA NAME:

**PRESENT ADDRESS:** Achieve Quality, Inc.

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**RN LICENSURE:** Florida, RN1146842, active since 1979

**EDUCATION:** Master of Science in Quality Assurance, Almeda University, 2006

Bachelor of Science in Health Administration, Trinity University, 1997

Associate of Science in Nursing, Florida College, 1979

**HONORS:** Chairman, Global QA Forum, ACRP, 2006 to present

> Preceptor, RN to BSN Program, St. Petersburg College, 2010-2013 Who's Who of Executives, Professionals & Entrepreneurs, 2009/2010

Who's Who of Nursing Professionals, 2005/2006

Who's Who of Professionals 1996/1997 and 1998/1999

Volunteer of the Year, American Lung Association of SC, 1990

#### PROFESSIONAL EXPERIENCE:

Jan. 1991 to present **President and Independent Principal Consultant** 

**International GCP Compliance Auditor and Trainer** 

- **GCP Compliance Auditor** 
  - Mock Regulatory/Competent Authority Inspections, including preparation and facilitation
  - Internal Sponsor Program and Protocol Feasibility Assessments and Salvage
  - Pharmaceutical, Biotechnology and Device audits conducted on Sponsor Departments and Processes (Pharmacovigilance, Project Management, Clinical Operations, Monitoring, Study Start-Up, Regulatory Affairs, Data Management/EDC, Biostatistics, Quality Systems and Computer Systems), Trial Master Files, Reports, Investigator sites, IRBs, CROs, Vendors and Clinical Laboratories to ensure compliance with GCPs, FDA regulations (including 21 CFR Part 11), EU regulations, ICH Guidelines, ISO standards, SOPs and local requirements
  - International audits conducted according to applicable local regulations
- GCP training of Sponsor, CRO, Vendor, IRB and Investigator Site personnel
- Consultant with FDA Office of Criminal Investigation (2008-current)
- Expert Witness to Office of US Attorney General (2010-current)
- FDA or other Regulatory Agency Inspection Preparation of Sponsors, Sites or IRBs
- FDA or other Regulatory Authority Inspection On-Site Facilitator
- System and Process evaluations of Sponsors, CROs, IRBs and Investigator sites
- Develop/Review SOPs for Sponsors, CROs, Investigator sites and IRBs

# PROFESSIONAL EXPERIENCE (cont.)

## 1990 to 1999 <u>Independent Consultant; Project Manager; Lead CRA</u>

 Management of multicenter national research projects and Lead CRA, to include; Investigator selection/evaluation, regulatory submission/management, CRA and site supervision, issue escalation and budget negotiation/management.

## 1989 to 1990 Clinical Specialist Consultant

Support Systems International Charleston, SC

- **Consultant:** Clinical advice for design and development of experimental and prototype equipment, product evaluation and consumer preference trials.
- CRA monitoring of clinical trials

#### 1986 to 1990 Pulmonary Nurse Specialist/Supervisor/Research Director

Pulmonary/Critical Care Medicine Medical University of SC 171 Ashley Avenue Charleston, SC 29425

- Clinical Research Director/Subinvestigator/Coordinator
  - Protocol design and writing, IRB submissions and reviews,
  - Budget negotiations, Patient recruitment, and Investigator-initiated clinical/device research
- Auditor, MUSC IRB Continuing Reviews
- Supervisor, all professional and nonprofessional employees;

Application interviews, Staff meetings, Department SOP development, review and approval

- Supervisor of Medical ICU, Pulmonary Function Laboratory, Pulmonary Exercise Laboratory, Endoscopy Laboratory, Pulmonary Clinic and Sleep Disorders Laboratory.
- Coordinator, Pulmonary Rehabilitation Clinic

Marketing, organization, patient education, and supervision of all personnel.

- Consultant Pulmonary/Critical Care Trauma Nurse Specialist, Cardiopulmonary Exercise testing, Pulmonary Function testing, patient and Nursing education, and Smoking Cessation
- Executive Coordinator, Annual MUSC Lung Run
   Meetings Chairperson, Fund raising, Public Relations with Press and Guest celebrities

#### 1986 ICU and ER Charge and Staff positions

Stanton's Nursing Personnel Agency Palm Harbor, FL

Pailli Haiboi, Fi

#### 1982 to 1985 Head Nurse, Intensive Care Unit

Doctor's General Hospital Plantation, FL

- Supervised all nursing staff assigned to ICU, including evaluations, staff scheduling, disciplinary conferences, application interviews, and coordination of ICU Nurses Continuing Education
- Quality Assurance development and direction.
- Developed Critical Care Policy and Procedure Manual.
- BCLS Instructor; ACLS Provider; CCRN # 44307

### PROFESSIONAL EXPERIENCE (cont.)

1982 to 1982 <u>Critical Care Education Consultant</u>

**Dunoon Hospital** 

Dunoon, Scotland, UK

Developed and implemented Critical Care Course for ICU and ER nurses.

Consulted with Critical Care nurses regarding specific patient problems and nursing education.

1981 to 1982 Charge Nurse, Surgery and Recovery Room

**Bayside General Hospital** 

Virginia Beach, VA

1979 to 1981 <u>Emergency/Trauma Department Supervisor</u>

Methodist Hospital Jacksonville, FL

CERTIFICATIONS and SIGNIFICANT COURSES:

FDA Annual BIMO Inspection Review, 2014

FDA Transferring Clinical Investigation Oversight to Another IRB, 2013

EMA and MHRA Advanced Inspection Readiness, 2011

SUSAR Reporting Requirements in EU, Asia, India and Australia, 2011

FDA's New Process Validation Guidance, 2011

FDA Exception from Informed Consent for Emergency Research, 2011

FDA's New 510(k) Action Plan: Changes for 2011

Reporting Potential Fraud and Scientific Misconduct to FDA, 2010

FDA's Updated Process for Issuing Warning Letters, 2010

Dr. Mengele's Human Experimentation Atrocities in Auschwitz, 2009

Detecting Scientific Fraud & Misconduct in Clinical trials, 2008

European Filing & Registration Procedures, 2007

European Regulatory Inspections, 2007

FDA Expectations re: Investigator Supervisory Responsibilities, 2007

Update on European Clinical Trial Directive, 2006 Standardized MedDRA Queries (SMQs), 2006 Advanced System-Based Evaluations, 2006

New FDA Guidances; Risk Assessment & Minimization, 2005

HIPAA Security Regulations, 2005 European Privacy Directive, 2004

ISO versus ICH in Good Clinical Practice, 2004

Update on Health Canada Drug and Device Regulations, 2004

ASQ Quality Lead Auditor Certification, 2003

HIPAA in International Trials, 2003

European Clinical Trials Directive, 2003

FDA Workshop on Quality Systems Inspections, 2003

FDA Safety Reporting Requirements, 2003

How HIPAA will affect the Investigator and IRB, 2002, 2003

Pediatric Assent, 2002

SQA Good Laboratory Practices Training, 2001

Advanced FDA Inspection Procedures, 2000

Introduction to Pharmacovigilance, 2000

GCP Audits of Sponsors & CROs, 2000

Comparison of ICH and FDA Regulations, 1999

FDA Handwriting Analysis: Detecting Fraud, 1999

Auditing Medical Device Trials, 1998

Investigating Scientific Misconduct, 1998

Advanced FDA BIMO Inspections, 1997

Advanced QA Auditing Procedures 1996

ACRP Certified Clinical Research Associate (CCRA), 1995

#### PRESENTATIONS:

- 'Monitoring v. Auditing v. Inspections' Univ. of South Florida Moffitt Cancer Center, 15May2014
- 'A Comparison of FDA vs. European Regulations' Internal CRO Training, April 2014
- 'Monitoring v. Auditing v. Inspections: Aren't They All the Same?" ACRP Global Conference, San Antonio, TX, April 2014
- *'GCP: Beyond the Basics: Interpretation, Application, and Lessons Learned'* Internal Pharmaceutical Company Training, 10Feb2014
- 'Advanced GCP Training' Internal Pharmaceutical Company Training, 16Jan2014
- Internal Monitoring Training for Major Cancer Center CRAs, Sep2013
- 'Advanced Good Clinical Practices: Sponsor Responsibilities' Internal Pharmaceutical Company Training, 04Jun2013
- 'Monitor Like an Auditor: What are They Looking At?' Tampa Bay ACRP Chapter, 12Dec2012
- 'What a Different World We Live in: Investigator Responsibilities in Observational vs. Interventional Research' Univ. of South Florida Moffitt Cancer Center Clinical Research Conference, 19Jul2012
- *'Clinical SOPs: Hard to Write and Tougher to Teach Benchmarks on What's Working and What's Not"*Sixth Annual FDA Inspections Summit, Bethesda, MD, October 2011
- Keynote Address "Keeping Current with Good Clinical Practices" Univ. of South Florida Moffitt Cancer Center 3<sup>rd</sup> Annual Clinical Research Conference, Tampa, FL, March 2011
- "Communication Dilemmas among Clinical Sites, Sponsors, and Institutional Review Boards (IRBs): A Case of Regulatory Confusion or Confused Interpretations? How do IRBs Assess Investigator Qualifications and Compliance?" Drug Information Association 46<sup>th</sup> Annual Meeting, Washington, DC June 2010
- "Site Monitoring with an Auditor's Eye" MAGI Clinical Research Conference, Boston, MA, May 2010
- "Good Clinical Practice Essentials: What You Won't Learn from the Regulations!" University of Saskatchewan Clinical Trial Workshop and Symposium, April 2010
- "Who's Watching Who? Investigator and IRB Compliance" ACRP Global Conference, Tampa, FL, April 2010 Keynote Address "Roles and Responsibilities in Clinical Research" USF Moffitt Cancer Center Oncology 2<sup>nd</sup> Annual Clinical Research Conference, June 2009
- "Concerns with Central vs. Local/Institutional IRBs" USF Moffitt Cancer Center Oncology 2<sup>nd</sup> Annual Clinical Research Conference, June 2009
- "Good Clinical Practice: What You Won't Learn from the Regulations" MAGI Clinical Research Conference, Miami, FL, May2009
- "Development of an Investigator Site QA System" ACRP Global Conference, Boston, MA, April 2008
- "Developing SOPs for the Investigator Site" Univ. of South Florida/Moffitt Cancer Center, Feb2008
- "Ethics in Clinical Research" University of South Florida/Moffitt Cancer Center, February 2008
- "Regulatory Documents: A to Z" ACRP Weekend Workshop, Baltimore, MD, October 2007
- "FDA Device Regulations" Major Cardiovascular Device Company requested training provided to In-house and contracted CRO personnel, June 2007
- "Tales from the Auditing Crypt" Annual ACRP Conference, Seattle, WA, April 2007
- "Regulatory Documents: A to Z" Annual ACRP Conference, Seattle, WA, April 2007
- "Comparing ISO 14155 to FDA Device Regulatory Requirements" Major Pharmaceutical and Medical Device company requested presentation, March 2007
- "How to Get a Nightmare Site Back on Track" Annual ACRP Conference, Phoenix, May 2006
- "CRAs: Audit Your Sites" ACRP International Audioconference, October 2005
- "How ISO Requirements Will Affect GCPs as We Know Them" ACRP Conference, Orlando, FL, April 2005
- "HIPAA Privacy & Security Rules" Annual ACRP Conference, Orlando, FL April 2005
- "HIPAA Requirements for the Investigator Site", Suncoast Chapter of ACRP, Clearwater, FL 2004
- "The Impact of HIPAA Regulations: An Auditor's Perspective" ACRP Conference San Diego, CA May 2004 Combination CRA/CRC GCP 6-Week Training Course: Barnett International & Univ of South Florida. Fall 2003
- "GCP Training for the Investigator Site", Suncoast Chapter of ACRP, Clearwater, FL 2003
- "Investigator Sites and CRAs: Audit Thyself", Annual ACRP Conference Pennsylvania 2003
- "Historical Overview of Research regulations, FDA and ICH", 2003, 2004
- "Sponsor/CRO Requirements Regarding HIPAA", 2003, 2004

#### **PUBLICATIONS:**

- Kelly, Terri. "Who's Watching Whom? Investigator and IRB Compliance." <u>The Monitor; The Global Voice of Clinical Research Professionals</u>. June 2010, pp 11-14.
- Kelly Terri. "QA Q&A Corner." <u>The Monitor; The Global Voice of Clinical Research Professionals</u>. ongoing bi-monthly column; 2007 - current
- Sahn SA, Heffner JE. <u>Critical Care Pearls</u>. Philadelphia: Hanley-Belfus, 1989.
- Sahn SA, Heffner JE. Pulmonary Pearls. Philadelphia: Hanley-Belfus, 1988.

#### **PROFESSIONAL ORGANIZATIONS:**

- American Society for Quality; since 2002 (Certified Quality Auditor since 2003)
- Associates of Clinical Research Professionals; since 1988
   QA Forum since 1996, QA Forum Steering Committee 2001, QA Forum Chairperson 2006 to present
- Drug Information Association; since 2000
- Regulatory Affairs Professionals Society, since 2005
- Society of Quality Assurance, since 2001

### **RESEARCH EXPERIENCE** as Study Coordinator and/or Subinvestigator:

(as Medical University of South Carolina employee)

1986-1988	Percutaneous Needle Aspiration versus Bronchoscopy in the Diagnosis of Sputum Negative <b>Tuberculosis</b>
1987-1989	Atrovent Solution in <b>COPD</b> Patients Who are on Concurrent Alupent Therapy
1987-1989	Alveolitis Uniformity in <b>Scleroderma</b> as Assessed by Bilobar Bronchoalveolar Lavage, Gallium 67 Scans, and Fibronectin Production
1988-1990	Characterization of Factors Limiting Exercise in Scleroderma
1988-1990	Comparative Study of Suprax and Ceftin in the Treatment of Acute Lower Respiratory Tract Infections
1988-1989	Comparative Study of Cefpirome Versus Ceftazidime in the Treatment of <b>Pneumonia</b>
1988-1989	Cough Suppression with Lidocaine during Bronchoscopy
1989-1990	Ipratropium/Albuterol Combination in the Treatment of COPD

<sup>&</sup>quot;How HIPAA Regulations will Affect the Research Site", 2002, 2003

<sup>&</sup>quot;Sponsor and CRA GCP Training", 2001 - current

<sup>&</sup>quot;Differences Between FDA and ICH Requirements", 1999, 2000, 2001

<sup>&</sup>quot;Preparing For the FDA Inspection", 1996, 1997, 1998, 1999, 2001, 2002, 2003, 2004, 2008

<sup>&</sup>quot;How to be an Effective Project Manager", 1994, 1997

<sup>&</sup>quot;Clinical Investigator GCP Training", 1994 - current

<sup>&</sup>quot;Clinical Research Coordinator Training", 1993 - 2007

<sup>&</sup>quot;Preparing For a GCP Audit", 1993, 1994, 1996, 1997, 1999, 2000, 2001, 2002, 2003, 2004, 2006

<sup>&</sup>quot;What Does that CRA Want From Me?" 1992

<sup>&</sup>quot;Basic Monitoring Techniques", 1991

1989-1990	Albuterol/Atrovent Combination in the Treatment of Asthma
1989-1990	Effect of Inhaled Ipratropium and Albuterol on Airway Obstruction in Adults with <b>Sarcoidosis</b>
1990	Comparison of Inhaled Fluticasone versus Theophylline versus Placebo in Treatment of <b>Asthma</b>
1990	Use of Restcue Bed in Prevention of Nosocomial Pneumonias

# **CONSULTANT RESEARCH ACTIVITIES:**

1989-1990	Development of the Restcue Lateral Rotation Therapy Bed System
1991-1993	CRA: Therapy in the Prevention of MAC Bacterium in AIDS Patients
1991	GCP Team Audit - Study in the Treatment of Hypertension
1991-1993	CRA: Multi-Regimen in the Treatment of MAC Bacterium in AIDS Patients
1991-1992	CRA: Antihypertensive Study of Patients over 50 years of age
1991-1992	CRA: Antihypertensive Study of Patients 21 - 75 years of age
1991-1992	Use of Tetracycline Fibers in Treatment of Periodontitis
1991	<u>GCP Team Audits</u> - Comparative Trial of IV Compounds in the Treatment of <b>Nosocomial pneumonia</b> at <b>three</b> Investigator sites
1991	CRA: Effectiveness of Injections in Reducing Osteoarthritis Patient's Need for Nonsteroidal Anti-Inflammatory Drugs
1991	GCP Team Audit of facility IRB
1991-1992	CRA: Placebo Controlled Use of Compound Following Reductive Laparoscopy Surgery in Patients with Endometriosis
1991	<b>Lead CRA:</b> Comparative Study in the Treatment of Female Patients with <b>Acute Pelvic Infections</b>
1991-1992	CRA: Efficacy and Tolerability in Adult Patients with Mild to Moderate Essential Hypertension
1991-1992	<u>Project Manager</u> - Efficacy and Safety of Oral versus IV compounds in the Treatment of <b>Serious Skin and Deep Tissue Infections</b>
1992	<u>GCP Audits</u> - Comparative Study in the Treatment of Rheumatoid Arthritis at two Investigator sites
1992-1993	Lead CRA: Study of Patients with Signs and Symptoms of BPH
1993	<b>Lead CRA:</b> Dose Comparison Study in the Treatment of Female Patients with <b>Metastatic Adenocarcinoma of the Breast</b>
1993-1997	CRA: Compound, Clarithromycin and Ethambutol Regimen in the Treatment of MAC Bacteremia in AIDS Patients

1993-1995	Project Manager - Effect of Compound on HIV Load in AIDS Patients
1993	<b>Lead CRA:</b> Comparison Study of Compound in Treatment of <b>BPH</b> by Urological Flow
1993-1994	<b>Lead CRA:</b> Long Term Study of Patients with Signs and Symptoms of <b>BPH</b>
1993-1994	Project Manager - Long Term Trial of Patients with COPD
1993-1994	<b>Lead CRA:</b> Open Label Study of Patients with Signs and Symptoms of <b>BPH</b>
1993-1994	Lead CRA: Dose Response and Safety of Patients with Hypertension
1993	CRA: Compassionate Use Trial in Patients with Parkinson's Disease
1994	<b>GCP Audits</b> - Comparison Study in Treatment of Acute Exacerbations of <b>Asthma</b> at <b>three</b> Investigator sites
1993-1994	Lead CRA: Dose Ranging Study of Inhalation Capsules in COPD Patients
1994	Lead CRA: Comparison Study in Patients with COPD
1994	GCP Audit of facility IRB
1994-1996	<b>Lead CRA:</b> Activity of Compound on <b>Asymptomatic HIV</b> Infected Patients
1994	Lead CRA: Long-Term Efficacy of Patients with Chronic Stable Angina
1994	<u>GCP Audits</u> - Use of Compound in the Treatment of COPD at three Investigator sites in US and Canada
1994	GCP Pharmaceutical and Device Audits - Comparison of Continuous Low Dose Vaginal Ring vs. Vaginal Cream in the Treatment of Urogenital Atrophy in Post-Menopausal Women, to include audit of IND and PMA Submissions at CRO and three US investigator site audits
1994	CRA: Comparison Trial in Patients with Acute Brainstem Injury
1994	<b>GCP Audits</b> - Use of Compound in the Treatment of <b>Hypertension</b> at <b>two</b> US Investigator sites
1994-1995	Lead CRA: Dose Confirmation Study in Adult Patients with COPD
1994-1995	<u>Project Manager</u> - Dose Ranging Trial in Patients with <b>Chronic</b> Bronchitis
1995-1996	Lead CRA: Comparison Trial for Treatment of Acute Hemorrhagic Stroke
1995	CRA: Prophylactic Administration in Cadaveric Renal Transplantation
1995	<u>GCP Audits</u> - Comparative Trial in the Treatment of Acute Angina at three US Investigator sites
1995-1997	CRA: Preventative Therapy of Latent Tuberculosis in HIV + Individuals
1995	<u>GCP Audits</u> - Comparison Trial in Patients with Community Acquired Pneumonia at two US Investigator sites

1995-1997	<b>Lead CRA:</b> Multiple Protocols Studying Optional Propellants in Bronchodilators for Patients with <b>COPD</b>
1995	Lead CRA: Comparison Trial in Patients with Asthma
1995-1997	<b>CRA:</b> Multiple Comparison and Dose Combination Trials in Patients with <b>Hypertension</b>
1995-1998	Lead CRA: Long Term Comparative Trial in Patients with Hypertension
1996	<u>Project Manager</u> - Study of Patients with <b>Isolated Systolic</b> Hypertension
1996-1997	CRA: Comparison Trial in Patients with Severe Hypertension
1996	GCP Audits - Comparison Trial in Patients with Upper Respiratory Infection at three Investigator sites in US and Canada
1996-1997	CRA: Comparison of Compounds in Treatment of Kaposi's Sarcoma
1996-1998	Lead CRA: Long Term Dose Comparison Trial in Patients with COPD
1996	GCP Device Audit - 510K Application and Safety Process Audit at CRO of Device Trial in Intermittent Claudication trial
1996	GCP Audit of facility IRB
1997-1998	Project Manager - Dose Ranging Study of Patients with Asthma
1997-1998	<b>Lead CRA:</b> Comparison Trial of Compound & Placebo Administered within Six Hours of the Onset of Stroke Symptoms, for Treatment of <b>Acute Ischemic Stroke</b>
1997-1999	Lead CRA: Comparison of Compounds on Left Ventricular Hypertrophy as Assessed by echocardiography and Nuclear Magnetic Resonance Imaging
1997-1999	CRA: Dose Response in Patients with Intermittent Claudication
1998	<u>GCP Audits</u> - Pre-FDA QA/QC audits on multiple <b>Hypertension</b> Protocols at <b>ten</b> US sites nationwide
1998	GLP Team Audit - Animal rodent facilities and process audit
1998	GCP Audit - Central Laboratory Audit
1998-1999	Lead CRA: Phase IV Open-label Study of Patients with BPH
1998-1999	Lead CRA: Phase IV Comparative Trial of Patients with BPH
1998-1999	CRA: Open-Label Comparison Trial of Patients with HTN using ABPM monitoring
1998-1999	CRA: Open-Label Comparison Trial in a Managed Care Setting of Patients with Osteoarthritis of the Hip, Spine, Hand or Knee
1999-2000	<u>GCP Audits</u> - Multiple QA/QC audits at <b>four</b> investigative sites in Us and Canada conducting a <b>Pelvic Inflammatory Disease</b> protocol
1999	Lead CRA: Dose Ranging, Comparative Trial of Inhaled Corticosteroid Dependent Moderate to Severe Asthmatic Children

1999	GCP IRB Audits - Institutional IRB Audits at three IRBs
1999-2000	<u>GCP Audits</u> – Lead Auditor of <b>Twelve</b> Multiple Team Audits Sponsor (Data Management and Drug Safety Department Systems), CRO, Laboratory and <b>nine</b> investigator Sites of Phase III Chemotherapy Adjuvant to Radiation Therapy in Patients with <b>Head and Neck Cancer</b>
1999	GLP Team Audit - Animal rabbit and rodent facilities and process audit
1999-2000	GCP Audits - Opioid-Induced Constipation in Patients with Chronic Pain - two concurrent protocols at eight Investigator sites in US
1999-2000	<u>Project Manager</u> - Chemotherapy Product Used as an Adjuvant to Radiation Therapy in Patients with Inoperable <b>Head and Neck Cancer</b>
1999-2000	<u>Project Manager</u> - Chemotherapy Product Used as an Adjuvant to Radiation Therapy in Post Radical Neck Surgery Patients with <b>Head and Neck Cancer</b>
2000	CRO Audit - Multiple EKG and Holter-monitor protocols
2000	GLP Audit - Animal monkey facility systems and process Audit
2000	GCP Audit - Audit of Institutional IRB
2000	<u>GCP Audits</u> - Randomized Study of Chemotherapy product versus Gemcitabine in <b>Chemonaive Pancreatic Cancer</b> Patients at <b>three</b> Investigator sites in US and Canada
2000	<u>GCP Audits</u> - Randomized Study of Chemotherapy Product versus 5- Flouracil in <b>Pancreatic Cancer</b> Patients that have Progressive Disease Following Gemcitabine Treatment at <b>two</b> US Investigator sites
2000	<u>GCP Audits</u> - Chemotherapy Product versus Most Appropriate Therapy in Refractory Pancreatic Cancer Patients at three US Investigator sites
2000	<u>Pharmacovigilance System Audit</u> Safety and Efficacy of Thrombolytic Regimens in Patients with <b>Acute Myocardial Infarction</b>
2000	<u>GCP Audits</u> - Randomized Study Comparing Combination Therapy Used with Two Nucleoside Reverse Transcriptase Inhibitors in Single Protease Inhibitor Experienced HIV-1 Patients at <b>five</b> Investigator sites in Canada
2000	GCP IRB Audit - Institutional IRB Audit
2000	<u>GCP Audit</u> - Safety and Efficacy Comparison of HFA Inhalation Aerosol to CFC Inhalation Aerosol in <b>COPD</b> Patients at a US Investigator site
2000-2001	<u>GCP Audits</u> - Safety and Efficacy Comparison Study in the Treatment of Community-Acquired Pneumonia at four US Investigator sites
2001	<u>GCP Audits</u> - Safety and Efficacy in Subjects with Irritable Bowel Syndrome with Potential Ophthalmic Adverse Reactions at two Investigator sites in US and Canada
2001	GCP Audits - Comparative Trial in Children with Attention Deficit Hyperactivity Disorder at three US Investigator sites
2001	GCP Audits - Withdrawal of Therapy Trial in Children with Attention Deficit Hyperactivity Disorder at three US Investigator sites

2001	GCP Audits - Comparison Trial in Subjects with Advanced Parkinson's Disease with Motor Fluctuations at four US Investigator sites
2001	GCP Audits - Phase II Dose Adjustment Trial of Subjects with Major Depressive Disorder with Potential Ophthalmic Adverse Reactions at two Investigator sites in US and Canada
2001	GCP Device CRO Audit - Phase II Device Trial for PMA Submission in the Prevention of Post Cardiopulmonary Bypass Syndromes in Infants Undergoing Surgery for Congenital Heart Defects
2001	GCP IRB Audit - Audit of Institutional IRB
2001	Analytical GLP Audit - S100β assay system and process audit
2001	<u>GCP Audits</u> - Safety and Efficacy Trial in the <b>Prevention of Post</b> Cardiopulmonary Bypass Syndrome in Adults at five Investigator sites
2001	International GCP Audits - Phase IV Study on Healing and Symptom Relief in Subjects with Erosive Esophagitis at four Investigator sites
2001	<u>GCP Audits</u> - Open-Label Long-Term Safety Study in Patients with Gout at three Investigator sites in US and Canada
2001	Vendor Audit - Electronic Data Submission of Bone Density Exams
2001	<u>GCP Audits</u> - Safety and Efficacy Study of Patients with <b>Endometriosis</b> at <b>three</b> Investigator sites in US and Canada
2001	GCP Audit - Institutional Clinical Laboratory audit
2001	CRO Audit - Two Myocardial Infarction Anti-thrombolytic Therapy
	protocols Database and Pharmacovigilance system audit
2001	protocols Database and Pharmacovigilance system audit  Internal System Audit  of Regulatory Affairs and Pharmacovigilance
2001 2001	Internal System Audit - Pharmaceutical Company Internal System Audit
	Internal System Audit - Pharmaceutical Company Internal System Audit of Regulatory Affairs and Pharmacovigilance  Multiple GCP Audits - Phase II Study to Evaluate Subjects with Uterine
2001	Internal System Audit - Pharmaceutical Company Internal System Audit of Regulatory Affairs and Pharmacovigilance  Multiple GCP Audits - Phase II Study to Evaluate Subjects with Uterine Leiomyomata at three Investigator sites in US and Canada  International CRO Audit - to include Investigator audit, CRO Drug Safety
2001 2001	Internal System Audit - Pharmaceutical Company Internal System Audit of Regulatory Affairs and Pharmacovigilance  Multiple GCP Audits - Phase II Study to Evaluate Subjects with Uterine Leiomyomata at three Investigator sites in US and Canada  International CRO Audit - to include Investigator audit, CRO Drug Safety and Project Management process audit, and Clinical Laboratory audit
2001 2001 2001	Internal System Audit - Pharmaceutical Company Internal System Audit of Regulatory Affairs and Pharmacovigilance  Multiple GCP Audits - Phase II Study to Evaluate Subjects with Uterine Leiomyomata at three Investigator sites in US and Canada  International CRO Audit - to include Investigator audit, CRO Drug Safety and Project Management process audit, and Clinical Laboratory audit  GLP Audit - Animal (dog) facility and process audit  Internal Process Audit - For a Pharmaceutical Company Clinical Team
2001 2001 2001 2001	Internal System Audit - Pharmaceutical Company Internal System Audit of Regulatory Affairs and Pharmacovigilance  Multiple GCP Audits - Phase II Study to Evaluate Subjects with Uterine Leiomyomata at three Investigator sites in US and Canada  International CRO Audit - to include Investigator audit, CRO Drug Safety and Project Management process audit, and Clinical Laboratory audit  GLP Audit - Animal (dog) facility and process audit  Internal Process Audit - For a Pharmaceutical Company Clinical Team and Drug Safety Department
2001 2001 2001 2001 2001	Internal System Audit - Pharmaceutical Company Internal System Audit of Regulatory Affairs and Pharmacovigilance  Multiple GCP Audits - Phase II Study to Evaluate Subjects with Uterine Leiomyomata at three Investigator sites in US and Canada  International CRO Audit - to include Investigator audit, CRO Drug Safety and Project Management process audit, and Clinical Laboratory audit  GLP Audit - Animal (dog) facility and process audit  Internal Process Audit - For a Pharmaceutical Company Clinical Team and Drug Safety Department  Phase I Unit Audits - Evaluation of three Phase I units in US  Pre-FDA GCP Audits - At five investigator sites for a Testicular
2001 2001 2001 2001 2001 2001	Internal System Audit - Pharmaceutical Company Internal System Audit of Regulatory Affairs and Pharmacovigilance  Multiple GCP Audits - Phase II Study to Evaluate Subjects with Uterine Leiomyomata at three Investigator sites in US and Canada  International CRO Audit - to include Investigator audit, CRO Drug Safety and Project Management process audit, and Clinical Laboratory audit  GLP Audit - Animal (dog) facility and process audit  Internal Process Audit - For a Pharmaceutical Company Clinical Team and Drug Safety Department  Phase I Unit Audits - Evaluation of three Phase I units in US  Pre-FDA GCP Audits - At five investigator sites for a Testicular Oncology trial in US and Canada  GCP Device Audits - Male Erectile Dysfunction trial at four Investigator

2002	<u>CRO Audit</u> - Major CRO to include <b>IVRS</b> validation, Data Management, <b>Part 11</b> review, Drug Safety and Clinical Operations Systems review
2002	<u>Three CRO Audits</u> - Three interrelated CROs to include <b>IVRS</b> software development, IVRS management, <b>Part 11</b> compliance and electronic data capture system
2002	NDA report Audit - Internal system review in Pharmacovigilance and NDA report submission review at major pharmaceutical company
2002	Central IRB Audit - System and specific clinical trial records review
2002	GCP Compliance Audits - at four Investigator sites for two concurrent clinical trials for Metastatic Breast Carcinoma in US and Canada
2002	NDA Report Audit - NDA report submission review for major pharmaceutical company (Include correlation of Drug Safety Data)
2002	GCP Compliance Audits - at three Investigator sites for two pivotal trials of Advanced Non-Small Cell Lung Cancer
2002	GCP Compliance Audits - at four Investigator sites for two pivotal trials of Metastatic Colorectal Cancer in US and Canada
2002	GCP Compliance Audits - at four US Investigator sites for a GERD Related Heartburn clinical trial
2002	Phase I Unit Comparative Evaluation - at three Phase I units
2002	International ICH GCP Compliance Audit - of a site in Birmingham, UK of subjects with PSVT Undergoing Electrophysiologic Study
2002	GCP Compliance Audits - at three US Investigator sites for an Intravitreal Implant in Patients with Non-Infectious Uveitis clinical trial
2002	University IRB Audit - SOPs, Training, FDA and ICH Compliance
2002	GCP Compliance / CRO Comparative Evaluation - comparing five central ECG Laboratories for GCP, Part 11 and sponsor SOP compliance
2002	GCP Compliance Audits / FDA preparation and Facilitation - at three Investigator sites in US and Canada conducting a Multiple Antiretroviral Drug-Experienced HIV Positive Subjects clinical trial
2002	International IVRS CRO Audit - IVRS Laboratory in Nottingham, England, UK to assess ICH GCP, FDA 21 CFR Part 11 and sponsor SOP compliance
2002	International ICH GCP Compliance Audits - at an Investigator site in Singapore for an Intravitreal Implant in Patients with Non-Infectious Uveitis clinical trial
2002	GCP Compliance Audits - at three Investigator sites for a Seasonal Allergic Rhinitis clinical trial in US and Canada
2002	Central IRB Audit - SOPs, Training, FDA and ICH Compliance
2002	<u>CRO Evaluation</u> - of Monitoring, Project Management, Clinical Laboratory, Data Management, Device Safety and IP shipment services  Page 11 of 22

2002	GCP Compliance Audits - at two US Investigator sites for a Gout trial
2002	<u>CRO Evaluation</u> - of a <b>Pediatric Specialty CRO</b> for their Monitoring and Project Management services
2002	GCP Compliance Audits - at two US Investigator sites for a Gout trial
2003	<u>University IRB Audit</u> - for a <b>Hepatic Oncology</b> trial to Assess SOPs, Training, Processes, Documentation and Compliance with regulations
2003	GCP Compliance Audit - at a US Investigator site for a clinical trial evaluating the Treatment of Hot Flashes Following Surgical or Chemical Castration of Prostate Cancer Subjects
2003	<u>Phase I Unit Evaluation</u> - Follow-up audit of a <b>University Phase I unit</b> with a Cautious evaluation during a prior audit
2003	International ICH GCP Compliance Audits - of five Investigator sites in Hong Kong, Singapore, Manila and Hyderabad, and New Delhi, India for an Intravitreal Implant in Patients with Non-Infectious Uveitis clinical trial
2003	CRO Device Audit - to include Project Management, Monitoring, Data Mgt and IDE/PMA report/submission of a Contact Lens device trial
2003	International GCP Compliance Audit - at three Investigator sites in US and Canada for a Metastatic Pancreatic Cancer trial
2003	International CRO Audit - to assess Pharmacovigilance, Data  Management and Part 11 compliance for a Diabetes Mellitus trial
2003	International CRO Device Audits - to assess project management, monitoring, IDE/PMA report compilation and device accountability in two optical implant trials
2003	<u>Internal Process Audit</u> - at Pharmaceutical Company to assess Safety Reporting Process across Departments, including Safety Database records review
2003	<u>Central International IEC Audit</u> - to assess compliance with ICH and FDA IRB requirements for NDA submission
2003	GCP Investigator Site Audits - at three Investigator Sites for an Intravitreal Implant trial for Posterior Uveitis (Combination product)
2003	International CRO Audits - at a CRO in Munich and Brussels, to assess Project Management, Monitoring, Training, Drug Safety, Masterfile documentation and SOPs in two Endometriosis trials for NDA submission
2003	Investigator GCP Audits - Three Investigator site audits in US and Canada for an Oncology Trial in Men with Prostate Cancer
2003	<u>Japanese Inspection Preparation</u> of <b>two</b> Investigator Sites for <b>COPD</b> and <b>Asthma</b> clinical trials
2003	<u>International Investigator Audits</u> - Two Investigator Site Audits in India of a <b>Uveitis</b> clinical trial (Combination Product)

2003	International CRO Audit - in India to include Monitoring, Project Management, IP, PV and Masterfile Management
2003	Investigator GCP Site Audits - at three Investigator Sites for a Gout trial
2003	Investigator GCP Site Audits - at two Investigator Sites in US and Canada for a Uterine Leiomyomata clinical trial
2003	Hospital IRB Audit - IRB processes, documentation and SOPs
2003	Investigator GCP Site Audits - at five Investigator sites in US and Canada for an Intravitreal Implant trial for Posterior Uveitis (Combination Product)
2003	<u>CRO Audit</u> - To include <b>Project Management, Monitoring, Masterfiles,</b> <b>SOPs, and Device Safety, Training documentation</b> of a <b>Device</b> trial
2003	Internal Device Sponsor Audit - To include Project Management, Monitoring, SOPs, Training, Safety Systems and Processes
2003	Investigator GCP Site Audits - at two Investigator sites in US and Canada for a Uterine Fibroid study
2003	IRB Audit - of a Central IRB processes and documentation
2003	Investigator GCP Site Audits - at two Investigator sites for an HIV trial
2003	CRO Audit - To include Project Management, Monitoring, Masterfiles, SOPs, and Training documentation of a Device clinical trial
2003	<u>CRO Audit</u> - To include Data Management, Protocol Writing Process, Safety Database, FDA NDA Report and Writing Process, SOPs, and Training documentation of an Optical Multi-Vitamin clinical trial
2003	International CRO Audit - To include Project Management, Monitoring, Masterfiles, Pharmacovigilance, SOPs, and Training documentation of a Device trial and a Pharmaceutical clinical trial conducted in India
2003	<u>CRO System and Process Evaluation</u> – To include <b>SOPs</b> revision and development, <b>staff</b> , <b>training</b> , <b>regulatory review</b> and <b>site management</b>
2003	Data Management Vendor Audit - of three protocols
2003	Canadian Research Ethics Board Audit - of two Device protocols
2004	Investigator GCP Site Audits - at two Investigator sites in the U.S. and Canada for a Posterior Uveitis clinical trial
2003	Investigator GCP Site Audits - at seven Investigator sites in US and Canada for an HIV trial prior to NDA submission (Four For-cause investigations)
2004	International Investigator GCP Site Audits – at two Investigator sites in Mexico for an HIV trial according to ICH and Mexican regulatory standards, as well as an FDA Gap Analysis
2004	International Internal Sponsor Audit – at Mexican Local Operating Unit of Major Pharmaceutical Company and Mexican CRO for Project Management, Monitoring, Safety Management, SOPs, Organization and Training, TMF and Investigational Product Management  Page 13 of 22

2004	International IRB GCP Compliance Audits at two Mexican hospital IRBs for Membership, SOPs, Processes and Documentation
2004	CRO System and Process Pre-Study Evaluation – to include Organization and Staffing, Training, SOPs, Regulatory Review, Masterfile, Safety Management, Outsourcing, Records Archival, Monitoring and Project Management
2004	<b>SOP Review and Development</b> for a Central ECG Laboratory; to include training and implementation assistance; GCP Consultant
2004	<u>Japanese Pharmaceutical company</u> remote evaluation of systems and processes
2004-2006	<u>Audit Reports Review and Closure</u> – working with the Sponsor and audited entity to assist and evaluate closure of multiple Sponsor, CRO and Investigator site audit reports
2004	<u>CRO System and Process Pre- and Post-Study Evaluation</u> – to include Organization and Staffing, Training, SOPs, Regulatory Review, Safety Reporting, Masterfile Management, Outsourcing, Records Archival, Monitoring and Project Management Systems & Processes
2004-2005	<u>Investigator Site GCP Audits</u> – at <b>five</b> investigator sites in the U.S. for a <b>Postmenopausal Symptomology</b> clinical trial, to include working with sites to complete all <b>corrective action</b> to close audit report
2004-2006	GCP Consultant to Pharmaceutical company to include managing Auditing team, updating QA SOPs, GCP review of documents, and conducting audits, as needed
2004	GLP Audit - Animal facilities system and process audit
2004	<u>Process Audit</u> at three locations of a Central Clinical Laboratory for GCP, GLP and Part 11 compliance, SOPs, training and raw data comparison to electronic database
2005	<u>Device Audits</u> of <b>eight</b> US Investigator sites and <b>Sponsor SOPs</b> , CTMF, and <b>Project Management</b> , <b>Monitoring and Safety Reporting</b> of <b>Spinal Implant trial</b>
2005-2007	Interim QA Manager for Medical Device company, to include management of QA efforts and Auditors
2005-2006	NDA Submission to FDA – Review and revise final Clinical Study report for Sponsor to include process, Safety Database content and accuracy, as well as regulatory advice on meeting with the FDA
2005	INH Grant Application Composition and Compilation for an FDA-exempt medical device
2005	<u>Evaluation and Training of CRAs</u> at multiple U.S. sites for an Inpatient Orthopedic Trial of <b>DVT Prophylaxis</b> in Total Hip Replacement Surgery
2006	International FDA/ICH Compliance Audits and Inspection Preparation at one site in Italy and two sites in Germany for a BPH clinical trial
2006	Medical Device Audits at five Investigator sites for an Orthopedic trial

2006	GLP Audit - Animal facilities system and process audit
2006	CRO Capability Audit at an International CRO to evaluate Drug Safety, Project Management, Monitoring, Data Entry, Data Management, CTMF, Coding and SOPs
2006	FDA Prep Prior to and Interaction During Inspections at two US Investigator Sites and Sponsor facility for NDA submission/approval of a Parkinson's Disease trial
2006	FDA / ICH GAP Analysis of Current SOPs for a Pharmaceutical company, including revision of current SOPs and generation of new SOPs
2006	Sponsor System Audit of Medical Device Company to include evaluation of SOPs, Regulatory submissions, CTMF, Safety, Project Management and Monitoring
2006	Regulatory submission management for a multicenter clinical trial, including review and revision of the protocol, IB, IND Safety Reports and CRF to comply with applicable regulations
2006	FDA Inspection Facilitator during FDA inspection of six Investigator sites in US and Canada for NDA submission for ALS trial
2006	FDA / ICH GAP Analysis of Current SOPs for a Pharmaceutical company, including revision of current SOPs and generation of new SOPs
2006	<u>Protocol and CRF Writing</u> and <b>Project Management</b> of protocol for a <b>Medical Device</b> company
2006	GCP Audits of Five Investigator Sites in US and Canada for a Phase II Poorly Controlled Hypertension clinical trial (Two For-Cause audits)
2006	Pharmacovigilance Pre-Qualification Vendor Audit of Global CRO
2006	GCP Comparison Audits/Evaluations of five Phase I facilities
2006-2008	<u>Management Review of GCP Audit Reports</u> written by other Auditors for Pharmaceutical and Device company audits
2006-2007	<u>Comparison Evaluation</u> of <u>five Phase I Units</u> for a Pharmaceutical Sponsor company
2007	Lead Auditor of 7-Auditor team for In-house 3-week Database Audit
2007	GCP Audits of Two Investigator Sites in US and Canada for a Phase III Oncology trial in Leukemia Subjects
2007	<u>Pharmacovigilance System Audit</u> at Major Global CRO, including Safety Database and records comparison and reconciliation
2007	GLP Audit - Animal facilities system and process audit
2007	Pharmacovigilance Vendor Comparison Pre-Qualification Evaluation of three Vendors for Pharmaceutical Sponsor
2007-2009	<u>Long-Term Audit Manager</u> including audit coordination, sponsor point of contact interaction and audit report review of proprietary <b>EDC</b> system

2007	<u>Full Service CRO Comparison Audits</u> – Lead Auditor, Coordinator, Sponsor point of contact interaction and audit report review of <b>six</b> CRO Pre-Qualification audits for transfer of <b>all Sponsor services/obligations</b> .
2007	Investigator Device Audits at two Investigator sites in India for a Cardiovascular Stent clinical trial
2007	Investigator Audit to include investigation and verification of alleged questionable data and scientific misconduct with subsequent FDA Inspection Facilitator for a Phase III Sickle-Cell Anemia clinical trial
2007	Central ECG Vendor Interim Study Audit
2007	<b>Lead Auditor</b> of <b>GCP Team Audits at Five Investigator Sites</b> in US and Canada for a Phase III <b>Breast Implant</b> clinical trial
2007	GLP Audit - Animal facilities system and process audit
2007	Audit Project Lead of <u>Ten Vendor Audits</u> and <u>Fourteen Investigator</u> <u>Audits</u> for two pivotal interventional drug eluting coronary stent clinical device trials
2007	Mock FDA Full-Service Inspection of CRO for Combination product
2007	Ten Investigator Device Team Audits and FDA CDRH BIMO Inspection preparation of Investigator sites for two Coronary Stent trials
2008	Three Investigator Audits of a Phase III trial in Cystic Fibrosis in Adult and Pediatric populations
2008	Sponsor System and Process Audit; Mock FDA Inspection
2008	<u>Audit Project Lead</u> for twelve US Investigator Audits; including FDA preparation and FDA BIMO Inspections facilitation for a <b>MS</b> trial
2008	<u>Consultant to Clinical Investigator</u> for Administrative Hold placed by Sponsor and subsequent Enrollment Suspension of all active trials by IRB, including training, review and revision of SOPs and assistance with Appeal process
2008	GLP Audit - Animal facilities system and process audit
2008	<b>FDA BIMO Inspection preparation</b> of Clinical Investigator site for two pivotal trials
2008	<u>Lead Auditor</u> of five International and Domestic team data integrity and GCP compliance audits related to FDA concerns following Sponsor's NDA submission
2008	<u>Lead Auditor</u> of Australian Sponsor Systems and Processes Audit, including contracted <b>Vendor study process</b> evaluations, applicable <b>Regulatory submissions</b> and <b>Consultant Liaison with FDA</b>
2008	Investigator Audit for Oncology protocol with InForm eCRF
2008	<u>Lead Auditor</u> of three Vendor/CRO audits prior to NDA submission, with Pharmacovigilance, Central Imaging Management and Project Management and Monitoring

2008	Investigator Audit in Italy for Leiomyosarcoma Oncology protocol
2008	CRO Audit at five international locations to evaluate Global Medical Monitoring, Project Management, Clinical Monitoring, Data Management, IVRS, Biostatistics, Investigational Product Management and Regulatory filing for Osteosarcoma project
2008	<u>Pre-Qualification CRO Audit</u> to evaluate Project Management, Information Management (incl. Part 11 compliance), Medical Writing, Biostatistics and Clinical Operations for two Cystic Fibrosis projects
2008	Investigator Audits at three US and two EU (UK and Poland) sites for Rectal Oncology trial
2008	Mock FDA Full-Service Inspection of CRO for NHL Oncology trial
2008	Phase I Unit Audit of Subcutaneous Injections for Growth Hormone Deficiency in Normal Volunteers
2008	<u>Vendor Audits</u> of two <b>International CROs</b> and three <b>laboratories</b> for a <b>Medical Device</b> company
2008	GCP Audit of a Clinical Laboratory in the US
2008	Two <u>Pre-Qualification Full Service CRO Audits</u> to evaluate CRO systems and processes for three <b>Post-Surgical Pain</b> protocols
2008	Mock FDA Inspection of Medical Device company for two cardiovascular stent clinical trials
2008-current	<u>Consultant</u> with <b>FDA Office of Criminal Investigation</b> on Scientific Fraud investigation
2008-current 2008-2011	
	Fraud investigation  GCP Consultant for small pharmaceutical company, managing audit program and CAPA surveillance; 'on-call' regulatory advice provided
2008-2011	Fraud investigation  GCP Consultant for small pharmaceutical company, managing audit program and CAPA surveillance; 'on-call' regulatory advice provided to clinical staff and corporate management  Investigator Audits at four US clinical sites for Cardiovascular Medical
2008-2011	Fraud investigation  GCP Consultant for small pharmaceutical company, managing audit program and CAPA surveillance; 'on-call' regulatory advice provided to clinical staff and corporate management  Investigator Audits at four US clinical sites for Cardiovascular Medical Device protocol
2008-2011 2009 2009	GCP Consultant for small pharmaceutical company, managing audit program and CAPA surveillance; 'on-call' regulatory advice provided to clinical staff and corporate management  Investigator Audits at four US clinical sites for Cardiovascular Medical Device protocol  CAPA Surveillance and Resolution project for small Biotech company  GCP/GLP Audit of Clinical and Non-Clinical Laboratory at two US
2008-2011 2009 2009 2009	GCP Consultant for small pharmaceutical company, managing audit program and CAPA surveillance; 'on-call' regulatory advice provided to clinical staff and corporate management  Investigator Audits at four US clinical sites for Cardiovascular Medical Device protocol  CAPA Surveillance and Resolution project for small Biotech company  GCP/GLP Audit of Clinical and Non-Clinical Laboratory at two US locations  Directed Investigator Audit in Lithuania of Acutely Psychotic
2008-2011 2009 2009 2009 2009	GCP Consultant for small pharmaceutical company, managing audit program and CAPA surveillance; 'on-call' regulatory advice provided to clinical staff and corporate management  Investigator Audits at four US clinical sites for Cardiovascular Medical Device protocol  CAPA Surveillance and Resolution project for small Biotech company  GCP/GLP Audit of Clinical and Non-Clinical Laboratory at two US locations  Directed Investigator Audit in Lithuania of Acutely Psychotic Patients with Schizophrenia protocol  Mock FDA Full-Service Inspection of Pharmaceutical company for
2008-2011 2009 2009 2009 2009 2009	GCP Consultant for small pharmaceutical company, managing audit program and CAPA surveillance; 'on-call' regulatory advice provided to clinical staff and corporate management  Investigator Audits at four US clinical sites for Cardiovascular Medical Device protocol  CAPA Surveillance and Resolution project for small Biotech company  GCP/GLP Audit of Clinical and Non-Clinical Laboratory at two US locations  Directed Investigator Audit in Lithuania of Acutely Psychotic Patients with Schizophrenia protocol  Mock FDA Full-Service Inspection of Pharmaceutical company for group of three Lung Oncology trials with one product
2008-2011 2009 2009 2009 2009 2009	GCP Consultant for small pharmaceutical company, managing audit program and CAPA surveillance; 'on-call' regulatory advice provided to clinical staff and corporate management  Investigator Audits at four US clinical sites for Cardiovascular Medical Device protocol  CAPA Surveillance and Resolution project for small Biotech company  GCP/GLP Audit of Clinical and Non-Clinical Laboratory at two US locations  Directed Investigator Audit in Lithuania of Acutely Psychotic Patients with Schizophrenia protocol  Mock FDA Full-Service Inspection of Pharmaceutical company for group of three Lung Oncology trials with one product  Investigator Audits at two US clinical sites for Cardiovascular trial Full-Service Pre-Qualification Audit of Five CROs with comparison

2009	GCP Audit of Trial Master File Management services provided by a CRO for a international multi-center trial
2009	Investigator Audits at four US clinical sites for Hepatoblastoma trial
2009	<u>Develop Response</u> to Form FDA-483 following BIMO Inspection of Clinical Investigator
2009	Full-Service Pre-Qualification Audit of CRO in Japan
2009	GCP and Part 11 Compliance Audit of Central Angiographic Core Laboratory in Japan
2010	<u>Create Clinical, Medical Affairs and Quality Assurance SOPs</u> for a small pharmaceutical company
2010	<u>Vendor Audit</u> of Clinical Event Committee (CEC) for Cardiovascular Device protocols
2010	Vendor Audit of IVRS Vendor for Cardiovascular Device protocols
2010	<u>Vendor Audit</u> of <b>Data Management Vendor</b> providing <b>electronic data</b> capture, including <b>Part 11</b> and <b>Software Validation</b>
2010	Vendor Audit of software development services provider in Belgium
2010	<u>Directed Investigator Audit</u> of Clinical Investigator in <b>Ukraine</b> of <b>Acutely Psychotic Patients</b> with <b>Schizophrenia</b> protocol
2010	<u>Principal Expert Witness to FBI and US Attorney General's office</u> on Felony Investigation of <b>Sponsor</b> and <b>Clinical Investigator</b> into Possible <b>Scientific Misconduct</b> and <b>Fraudulent Activity</b>
2010	CRO Audit of Trial Master File Management services provided by a CRO for Psychiatric Pharmaceutical projects
2010	Clinical Investigator Audits at two Investigator sites in Germany and France for sister trials in Familial Amyloid Polyneuropathy (FAP)
2010	Vendor Prequalification Audit of Full Service CRO
2010	Systems and Processes Audit of Biotech company
2010	<u>Clinical Investigator Audit</u> in Canada for sister trials of Cystic Fibrosis in Children
2010	Systems and Processes Audit of Collaborating Pharmaceutical Sponsor
2010	Mock FDA BIMO Inspection of Pharmaceutical Sponsor following NDA submission
2010	IRB Prequalification Comparison Audits of five central IRBs
2010	Vendor Prequalification Audit of Full Service CRO
2010	Internal Mock FDA BIMO Inspection and Preparation of 3 Protocols at Medical Device Sponsor
2010	Two <u>Vendor Audits</u> for a <b>Genetic Therapy</b> in Extensive Small Cell Lung Cancer trial; one for Project Management, Clinical Site

	Monitoring and Medical Monitoring; the other for Data Management, EDC CRF Design and Hosting, Biostatistics and Medical Writing
2010	<u>Vendor Audit</u> of Data Management, EDC CRF Design and Hosting, Biometrics and Medical Writing services provider
2010	Vendor Pre-Qualification Audit of Full Service CRO
2010	<u>Vendor Re-Qualification Audit</u> of Data Management and EDC Hosting service provider
2010	Vendor Pre-Qualification Audit of Full Service CRO
2010	Vendor Re-Qualification Audit of Data Management service provider
2010	Three Clinical Investigator Audits in US and Canada for Medical Device in treatment of advanced Glioblastoma of the brain
2010	<u>Vendor Pre-Qualification Audit</u> of <b>Data Management</b> and <b>EDC CRF Design and Hosting</b> services provider
2010	Mock FDA CDRH BIMO Inspection of Sponsor Medical Device company for Coronary Stent trials following PMA submission
2010	Mock FDA CDER BIMO Inspection of Sponsor Pharmaceutical company for Cystic Fibrosis trials following NDA submission
2011	<u>Vendor Pre-Qualification Audit</u> of EDC Design and Hosting services provider for Phase I Paroxysmal Nocturnal Hemoglobinuria trial
2011	Mock FDA CDER BIMO Inspection of Sponsor Pharmaceutical company for Hepatitis C trials following NDA submission
2011	<u>Vendor Pre-Qualification Audit</u> of CRO providing Core Angiography Laboratory, Critical Events Committee and Data Safety Monitoring Board for Peripheral Stent device trials
2011	<u>Vendor Pre-Qualification Audit</u> of CRO in England responsible for EU Regulatory submissions
2011	<u>Vendor Pre-Qualification Audit</u> of CRO in Russia responsible for Eastern EU Clinical Operations and Investigator Site Monitoring
2011	Three Clinical Investigator Audits in US and Canada on Advanced Renal Cancer pharmaceutical clinical trial
2011	<u>Sponsor Mock EMA Inspection</u> in <b>US</b> of all Sponsor services, including interviews, identification of high-risk areas and CAPA development for <b>Hepatitis C</b> clinical trial
2011	<u>Sponsor Mock MHRA Inspection</u> in <u>England</u> of all Sponsor services, including interviews, identification of high-risk areas and CAPA development for several <b>Cystic Fibrosis</b> clinical trials
2011	<u>Vendor Re-Qualification Audit</u> of CRO providing IVRS/IWRS services for multiple Sponsor CNS projects
2011	Five <u>Clinical Investigator Site Audits</u> in <b>US</b> and <b>Canada</b> on <b>two</b> pivotal <b>Hepatic Cancer</b> clinical trials

2011	<u>Internal University IRB Audit</u> of systems, processes and procedures compliance and improvement
2011	Vendor Prequalification Audit of Full Service CRO
2011	Mock FDA CDER BIMO Inspection in US of all Sponsor services
2011	Six <u>Clinical Investigator Audits</u> in US on two pivotal and one roll-over extension trial on <b>Alzheimer's Disease</b>
2011	<u>Vendor Re-Qualification Audit</u> of CRO providing Central Angiographic Analysis Core Laboratory services for Medical Device Sponsor
2011	Vendor Pre-Qualification Audit of Early Stage Phase 1 First in Man Unit for Oncology trial
2011-present	Project Manager and Lead Auditor of multiple Investigator Initiated Oncology trials for major NCI Cancer Center
2012	Two <u>Clinical Investigator Audits</u> in US on two pivotal and one roll-over extension trial on <b>Alzheimer's Disease</b>
2012	<u>Post-Capability Audit</u> of CRO transferred all Sponsor services by a small BioTech company for Renal Function Decline in Patients with AA Amyloidosis
2012	Five-Week <u>Post-Capability Audit</u> of CRO in <b>Dublin</b> , <b>Ireland</b> of global <b>Pharmacovigilance</b> and <b>Regulatory</b> services
2012	Consent Process Audit at Major Cancer Center
2012	Eight Clinical Investigator Audits at Major Cancer Center of eight different Investigator-initiated Oncology protocols prior to NIH inspection
2012	Sponsor Mock FDA CDER BIMO Inspection at Pharmaceutical company in US of all Sponsor services
2012	Clinical Investigator Audit at three sites in US on Bronchopulmonary Dysplasia (BPD) in Preterm Infants requiring Mechanical Ventilation
2012	Sponsor Mock FDA CDER BIMO Inspection at Pharmaceutical company in US of all Sponsor services on Idiopathic Overactive Bladder with Urinary Incontinence protocols
2012	Four CRO Prequalification audits for Medical Device company
2012	Twelve Clinical Investigator Audits at Major Cancer Center of twelve different Investigator-initiated Oncology protocols
2012	Mock FDA BIMO Inspection at Pharmaceutical company
2013	<u>Conflict of Interest</u> reviews of <b>eighteen Investigators at Major Cancer</b> Center
2013	<u>Central IRB Post-Capability Audit</u> for five different protocols for hepatorenal syndrome
2013	<u>Vendor Post-Capability Audit</u> of <b>Neurocognitive Rating</b> assessment vendor

2013	CRO Post-Capability Audit for full-service of Schizophrenia trial
2013	Vendor Pre-Qualification Audit of central ECG vendor
2013	Vendor Pre-Qualification Audit of Cognitive Rater Training vendor
2013	Vendor Pre-Qualification Audit of Central Laboratory
2013	GCP/GLP Audit of Bioanalytical Laboratory
2013	<u>Clinical Investigator Audits</u> of <b>two</b> sites in the US for <b>hepato-renal</b> syndrome
2013	For Cause Clinical Investigator Audit of COPD protocol
2013	Sponsor Mock MHRA/EMA Inspection in the UK
2013	Three Comparison Central ECG Reader Vendor Audits
2013	Ten <u>Clinical Investigator Audits</u> of at Major Cancer Center of different Investigator-initiated Oncology protocols
2013	Trial Master File Audit at CRO
2013	Post-Capability Audit of Phase I Unit
2013	Mock FDA BIMO Inspection at Pharmaceutical company
2013	Mock MHRA Inspection at Sponsor in the UK
2013	Clinical Investigator Audits of seven sites for Pulmonary Arterial Hypertension protocol
2013	Data Management Post-Capability Audit of CRO
2014	<u>Sponsor Mock EMA Inspection</u> in <b>US</b> of all Sponsor services, including interviews, identification of high-risk areas and CAPA development
2014	Pre-Qualification Audit of Phase I Unit
2014	Pre-Qualification Audit of Centralized Cognition Testing Vendor
2014	Clinical Investigator Audits of seven sites for four Parkinson's Disease Dementia protocols
2014	Internal Sponsor Program Feasibility Assessment and Salvage Plan
2014	Internal <u>FDA Inspector Readiness Assessment</u> of eTMF Access at Sponsor facility
2014	Internal Sponsor TMF Audit and training of Internal Auditors
2014	Sponsor Mock FDA CDER BIMO Inspection at Pharmaceutical company in US of all Sponsor services
2014	Pre-Qualification Audit of Phase I Unit
2014	Mock MHRA Inspection at Sponsor in the US
2014	<u>Vendor Post-Capability Audit</u> of <b>PVG</b> services provided for Complicated Intra-abdominal Infection and Complicated Urinary Tract Infection protocols

2014	Full-Service CRO Post-Capability Audit of Schizophrenia protocol in Russia
2014	<u>Vendor Post-Capability Audit</u> of Clinical Safety and Bioanalytical Laboratory in the Netherlands
2015	Electronic Trial Master File Audits for twelve multi-center Early Phase Synthetic Antibiotic protocols
2015	Investigator Audits at five sites for Traumatic Brain Injury protocol
2015	Investigator Audits at two sites for Fragile X Syndrome protocol