Compare and Conquer SAS Programming Techniques for CDISC/FDA Submissions

Day: Thursday, March 31, 2016  Time: 11:00 a.m.–12:30 p.m. (ET)
Location:  Your Computer  Course ID # 2446

WHO SHOULD ATTEND
This course is intended for anyone directly or indirectly responsible for the creation, content or validation of SDTMs/ADaMs, tables, and data lists used to support research, drug or medical device efficacy and safety in a regulatory submission. Professionals in the pharmaceutical, biotechnology and medical device industries who want to be 21 CFR Part 11 compliant in relation to the SAS programming environment will benefit from this unique course. Effective technical and practical solutions to address real-world issues will be provided.

This course is recommended for:
• SAS Statistical Programmers
• Medical Writers
• Clinical Data Managers
• Health Care Professionals
• Quality Assurance Specialists
• Statisticians
• Directors, Statistical Programming
• Research University Specialists
• SAS Statistical Managers
• Regulatory Affairs Associates
• CRO Professionals

LEARNING OBJECTIVES
Upon completion of this training, you will be able to:
• Apply proven SAS programming techniques using the five most useful SAS procedures for effective CDISC analysis and validation
• Describe ADaM dataset structure and metadata specifications

COURSE DESCRIPTION
This intense 90-minute online course focuses on improving productivity by up to 20% by channeling SAS programmers to benefit from concise and common SAS syntax for quick results. As a result, less time is needed to produce and validate analysis data sets, tables, lists and graphs. Discussions will focus on proven SAS programming techniques to address real-world issues with references for in depth details.

Review of Learning Objectives
Module 1: CDISC Basics and Quick Results with SAS Procedures
• CDISC: The Benefits of ADaMs and Table Shells
• Must Know SAS Procedures for Data Management: Proc SQL, Proc Transpose, and Proc Compare
• One Stop validation with Proc Tabulate

Module 2: ODS, RTF and Statistical Graphs
• Using ODS: Style Definitions, Table Templates, and RTF code
• Taking advantage of Statistical Graphs and Templates

Module 3: Anatomy of SAS Macros
• Two Levels of Macros: Base Utilities and Standard Macros

Question and Answer Session

For more information see reverse side
COURSE DIRECTOR

Sunil Gupta, Senior Consultant. Gupta Programming, International SAS expert, speaker, trainer and author

Sunil Gupta has been an Independent Consultant since July 1994. He became a SAS Institute Quality Partner the following year. In 2000, he became a SAS Certified Professional V6 and in 2003 he passed the SAS Base Programmer Certification exam. During his 18 years experience in the Biomedical, Pharmaceutical, Biotech and Sales & Marketing Industries, Mr. Gupta has been in management and project lead positions. He understands how business functions and how to work together as a team member to achieve results.

Most recently, Mr. Gupta launched his new SAS resource blog, www.SASSavvy.com, for smarter SAS searches and has released five new SAS e-Guides on Quick Results with PROC SQL, Quick Results with PROC REPORT, A to Z Analysis and Validation using PROC TABULATE, Compare and Conquer SAS Programming Techniques and Automating Tasks using SAS Macro Programming. Last year, Sunil was an invited presenter at WUSS, NESUG and SESUG for his ‘highly acclaimed’ Proc SQL Hands-on workshop. He has been using SAS® software for over 20 years and is a SAS Base Certified Professional. He is also the author of Quick Results with the Output Delivery System, and Sharpening Your SAS Skills.

TUITION AND REGISTRATION

TUITION* – Single Rate: U.S. $295.00 per person Group Rate: U.S. $245.00 per person**

Register at www.cfpa.com. Enter Course ID# 2446 into Search. To register click Register Now.

For Questions and Information call Customer Service at 732-613-4500.

Please Note: Multiple participants are not authorized to share access provided to a single registrant, a single dedicated seat license must be purchased for each individual. CfPA reserves the right to cancel access or collect the group rate payment if this requirement has been violated. Only registered participants will receive accreditation.

System Requirements: PC-based attendees: Windows® 7, Vista, XP or 2003 Server/Macintosh®-based attendees: Mac OS® X 10.4.11 (Tiger®) or newer

WHO WE ARE

The Center for Professional Advancement has been approved as an Accredited Provider by the International Association for Continuing Education and Training (IACET), 12100 Sunset Hills Rd., Suite 130, Reston, VA 20190. In obtaining this approval, The Center for Professional Advancement has demonstrated that it complies with the ANSI/IACET Standards which are widely recognized as standards of good practice internationally. The Center for Professional Advancement is therefore authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standards. CEU will be awarded for participation in The Center for Professional Advancement’s courses at the rate of .1 CEU per contact hour. CEU will be awarded only upon successful completion of the entire course and 70% accuracy in the required Learners’ Assessment.

The Center for Professional Advancement (CfPA) is the largest accredited technical training organization in the world with a curriculum of approximately four hundred and fifty short courses in 15 industries including Pharmaceutical, Biotechnology, Medical Device, Chemical, Cosmetics, Food and more.

Since our founding in 1967, we have successfully trained nearly a half million people worldwide in topics ranging from basic and introductory concepts to new advances and cutting-edge technology, and current U.S. and European regulations. CfPA courses are offered in a variety of formats – Public offering, Client Site and Online – to fit you or your company’s training needs.

For more information visit our website at www.cfpa.com

COURSES OF INTEREST

- Developing Specifications for Drug Substances and Drug Products
  course ID# 1918

- INDs/NDAs/CTDs
  course ID# 448

- Preparing for and Surviving an FDA Inspection
  course ID# 187

- Surviving an FDA Inspection -- FDA Inspections of Non-U.S. Sites
  course ID# 1880

TERMS AND CONDITIONS

*Payment: Tuition payable in US funds net of all charges. Payment is due at time of registration in the form of a credit card. Please contact CfPA’s Customer Service for other payment options.

**Group Rate: The Group Rate is for two or more enrollments, up to five registering from the same company at the same time. For groups of six or more, please contact Customer Service for group pricing.

Cancellations/No Show: “Live” – Registrants may cancel up to two working days prior to the course start date and will receive a letter of credit to be used towards a future course up to one year from date of issuance. No credit will be issued for no-shows and/or cancellations less than two working days prior to the course. “On-Demand” – No refund or credit will be issued for no-shows and/or cancellations of on-demand training courses. CfPA is not responsible for any outside related costs incurred by registrant’s cancellation.