Boulder Section
ASQ — The Global Voice of Quality™

Volume 23, Issue 3   **March 2016**

MARCH CHAIR MESSAGE

Hello and welcome to Spring! Or is it? For the sports fans amongst us, the end of football (and it ended well for the home team!) and the beginning of baseball are indicators that Spring can't be too far away. Those of us whom have lived in the Colorado Front Range for years have learned, however, that the kind of weather we have recently experienced can be a real teaser. We think Spring is upon us and then we get hit with 12 inches of snow.

The quality profession can seem to be that way at times.   Things can be rosy or even improving – defects seem to be declining, the total cost of quality seems to be on a downward trend, the boss seems to be happy – and then, wham!, a major quality-related crisis occurs.   Just like dealing with the weather (which we have no influence over), dealing with quality issues requires a steady hand. Much like a control chart, quality management can't over or under-react to the peaks and valleys in the way quality is measured. We, as quality professionals, need to be proactive as much as possible.

This same approach can apply to our professional certifications - we need to keep them in front of us and not let them get too far away. If you aren't aware, getting or staying certified to one or more of the many wonderful certifications ASQ has to offer is one of the many services the section offers. ASQ certifications can help you in your job and in your career.

If you are interested in getting certified, contact Nixion Mead at nixionmead@q.com or at (720) 320-6395. If you want to stay certified, contact Gerry Naugle at gnaugle@earthlink.net or at (303) 591-2830. Do not hesitate to contact either Nixion or Gerry. As I've said before, quality professionals love to help.   Keep having fun and stay the course!

Yours in quality,
Dan Clark

ASQ's Members and Customer Service Center:

E-MAIL: help@asq.org

PHONE: 800-248-1946
FAX: 414-272-1734
USPS MAIL: *ASQ Communications*
        600 N. Plankinton Ave.
        P.O. Box 3005
        Milwaukee, WI   53201-3005

We suggest that you go to the ASQ National website at: www.asq.org for complete ASQ national news, regional event(s) links, books, courses, yearly certification testing, re-certifications, conferences, ASQ Divisions and on-line membership forms, including member upgrades and what is needed to update your own member profile. And, while you are on the internet, be sure to visit the ASQ Boulder Section website at: http://asqBoulder.org

ASQ National News

March Member Gift Bundle: Organizational Performance Excellence

In this new and exclusive gift, you'll be learning about lots of great resources on operational excellence and the Baldrige National Quality Award. The Baldrige Criteria are one of the most widely used guidelines in the United States and across the world.

The criteria were established to raise awareness of quality management and recognize U.S. companies that have implemented successful quality management systems. To obtain it, log in to your account at www.asq.org and click on the March Member Gift link.

ASQ #1313 Officers & Committee Chairs 2016

ASQ Section 1313	Boulder, CO
Title: Chair Name: Dan Clark Phone: 720-326-8240 dpclark@live.com	**Title: Vice Chair** Name: (open) Phone:
Title: Secretary Name: Mark Norby Phone: 303-884-4783 mnorby@indra.com	**Title: Treasurer** Name: John Beachman Phone: 720-313-2746 Jjbeach303@gmail.com
Title: Re-Certification Name: Gerry Naugle Phone: 303-591-2830 gnaugle@earthlink.net	**Title: Internet & Website** Name: Arnold Miller Phone: 303-466-2631 arnold.miller0@gmail.com
Title: Publicity and VOC Name: Byron Murray byron.murray@yahoo.com	**Title: Education Chair** Name: Joe Wojniak Phone: 970-619-9395 Joe.wojniak@gmail.com
Title: Financial Auditing Name: Ewald Schelert Phone: 303-702-9009 schelert@mesanetworks.net	**Title: Past Chair** Name: Joe Wojniak Phone: 970-619-9395 Joe.wojniak@gmail.com
Title: Newsletter Co-Editor Name: Gerry Naugle Phone: 303-591-2830 gnaugle@earthlink.net	**Title: Newsletter Co-Editor** Name: Bill Dunford Phone 720-340-0454 billdunford@hotmail.com
Title: Certification Name: Nixion Mead Phone: 720-320-6395 nixionmead@q.com	

Contents

Online Content Exclusively for Members

Member Gift Bundles: Check at the ASQ Website

- **Insights to Performance Excellence: Understanding the Integrated Management System and the Baldrige Criteria* (PDF with CD)**
- **Baldrige in Healthcare: Journey to Excellence Webcast Series (Web Series)**
- **Baldrige in Manufacturing: The Making of a World-Class Organization* (Webcast 22 min)**
- **Baldrige in Education: Running All the Red Lights* (Webcast 26 min)**

Download your gift today

Upcoming March ASQ Boulder Section Meeting

Thurs, March 24th at Seagate Corporation, 389 Disk Drive, West Nelson Rd, Longmont
Plant Tour of Seagate → **Pre-Announced in February, Sold Out at present** ←
Cost: Free, RSVP Limited to 20 people (The Attendees' Information had to be at Seagate by Feb 29th)
Time: 5:15pm to 7:30pm

5:15pm *We suggest to arrive 15 minutes early to sign-in*   **5:30pm** Snack-Food and Networking
6:05pm Welcome to section and announcements   **6:15pm** Presentation   **7:30pm** Meeting over
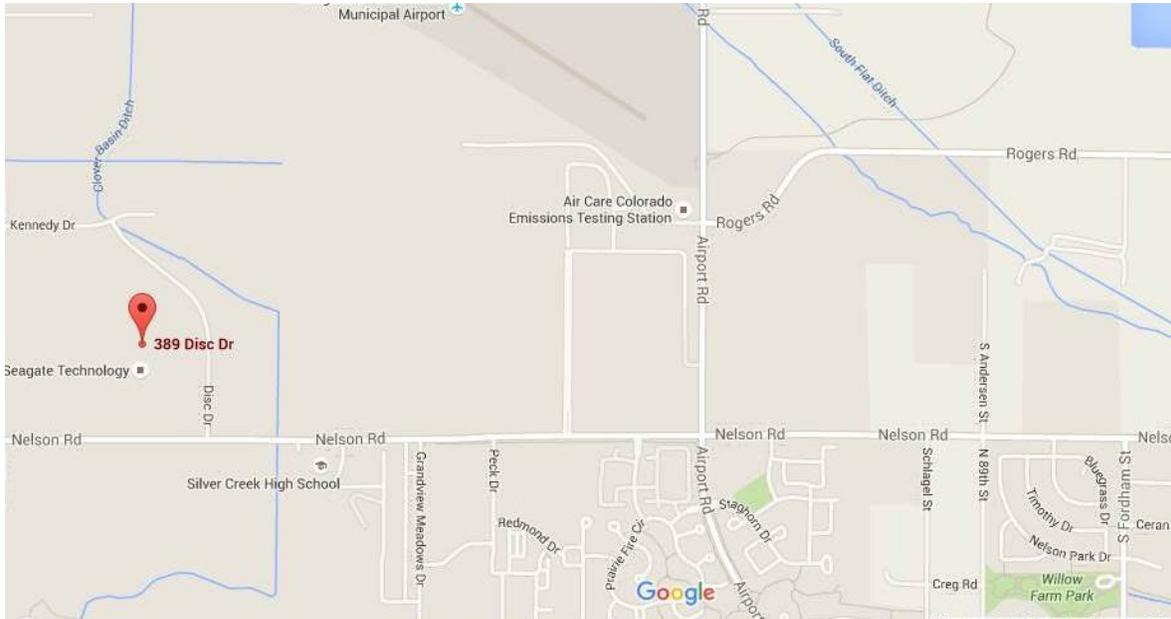
Seagate is where the **Red A** is on the map just north of W Nelson Rd., parking in front of the building in the flagpole area. Enter through the front main-doors to the south lobby where security will sign our party in and everyone will be given their pre-printed badges. I will have a conference room off the main lobby reserved where we can gather before the tour, where you may also leave coats and personal items should you choose.

RMPEx Rocky Mountain Performance Excellence Program *(which is also the Colorado State Quality and Business Performance Program).* **Please see articles starting on page 13 for most recent information of RMPEx activities and events. The Boulder ASQ Section is an active sponsor of the RMPEx Organization.   http://rmpex.org/**

RMRAS Rocky Mountain Regulatory Affairs Society http://rmras.org/   **RMRAS is the premier local professional society in the Denver-front range area for individuals involved in medical devices or the pharmaceutical industries. Membership is free of charge. And our societies' recertification units (RUs) are reciprocal and interchangeable**.

ASQ National – and – Local ASQ Section News

ASQ Boulder Section is seeking a Section Vice-Chair volunteer(s) in 2016. An opportunity to perform important ASQ volunteer work, and receive 1.5 RU's per year in return for your assistance.

Contact Section Chair Dan Clark, at: (720) 326-8240   Thanks!

BOULDER SECTION CORRESPONDENCE ADDRESS

ASQ Boulder Section
P.O. Box 3783
Boulder, CO 80307

The section website for much information and resources' links' is: http://asqBoulder.org

Updates to ASQ Re-cert Journal & Cost-Increase for 2016

There are changes to the recertification journal categories, including more opportunities for RU credits, and categories have been better defined to make recertifying easier. The 18 RU credit amount each three years remains the same. The new journal can be downloaded and printed directly from the main ASQ National website at: www.asq.org using "Certification" / then the / Re-certification Link" or call ASQ Customer Care at: **1-800-248-1946** and request item **B0525**

The re-certification costs have recently increased due to higher costs to administer the program. Recertification by journal for members is now **$69 for one certification** (or) **$89 for two or more certifications** (e.g., if you get re-certified for two, three or more areas, you still only pay $89).

Anyone starting a re-certification journal through ASQ Boulder Section is *strongly urged* to send an *e*-mail *before you start* to the Re-cert Chair, Gerry Naugle at: gnaugle@earthlink.net. *Abstract: there are deployed and effectively implemented policies & procedures which can save you some time, effort and much USPS postage*.

Boulder Section's Current ASQ Fellows

Tripp Martin – Retired	Edward Arling	Liz Keim, ASQ Past-Pres.& Board Chair
International Auto Oversight Bureau	Quality Compliance Assoc.	Integrated Quality Resources, LLC
(248) 535-5670	(303) 579-9443	(303) 541-9127
trippm1@earthlink.net	edward.arling@gmail.com	liz.keim@comcast.net

From ASQ Quality Press   Order at: 800-248-1946

ASQ Quality Press books can be ordered online, or for special pricing on orders of 10 or more call ASQ Customer Care / Quality Press Bookstore at: 800-248-1946.
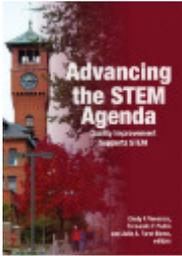
New Book!
Quality Improvement Supports STEM
Cindy P. Veenstra, Fernando F. Padró, and Julie A. Furst-Bowe

In July 2011, the ASQ Education Division held its first STEM Agenda Conference. This publication is a selection of the conference papers and workshops from the conference, with the theme Ad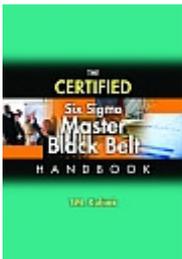vancing the STEM Agenda in Education, the Workplace, and Society. The book highlights STEM education as a grassroots effort by many educators to ultimately prepare graduates for the 21st century workforce.

New certification preparation book from ASQ Quality Press
The Certified Six Sigma Master Black Belt Handbook

This book reflects the most current thinking among Six Sigma leaders who came together to create the ASQ Master Black Belt Body of Knowledge (BoK).

The primary audience for this book is the individual who plans to prepare to sit for the Six Sigma Master Black Belt certification examination. The book is great for quick reference and ease of use because the chapter and section numbering exactly mirrors that of the Master Black Belt BoK
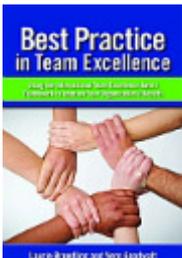
Best Practice in Team Excellence
J.P. Russell, editing director

This book explains the Team Excellence Framework (TEF) and how to leverage it to ensure the success of your improvement teams. This framework has a long-standing track record of providing the means by which teams can produce highly successful outcomes for their organizations.

Bestseller!
The Certified Quality Engineer Handbook, Third Edition
Connie M. Borror, editor

This third edition provides the quality professional with an updated resource that exactly follows ASQ's Certified Quality Engineer (CQE) Body of Knowledge.
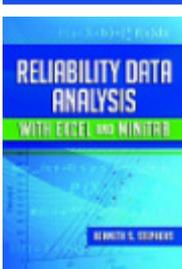
Reliability Data Analysis with Excel and Minitab
Kenneth S. Stephens

When a product has been designed and manufactured, its performance in terms of durability, strength, and life become a matter of test, measurement, and analysis. This book helps you understand the outcomes of the reliability tests and translate that into real-world data that can improve products. Excel and Minitab spreadsheets are included for all sample data sets.

ASQ BOULDER SECTION #1313 COURSE DESCRIPTIONS

INSTRUCTORS & COURSE DESCRIPTIONS: A list of instructor biographies and course descriptions can be found on the ASQ Boulder Section web site, **http://asqBoulder.org**

COURSES LOCATIONS: Contact the ASQ Boulder Education Chair, Joe Wojniak, (970) 619-9395 to see if the class you want can be made available in the Denver-North Loveland or Ft. Collins area.

2016 ASQ Boulder Section Course Offerings
Updated 06March2016

Course Name	Instructor	Course Fee [(1)] [(2)]	Exam Date [(3)]	ASQ Exam Application Deadline	Course Dates & Times	Course Registration Deadline
1301 - Certified Quality Engineer (CQE) Review	Monrad Monsen 303-272-9612 Location: Contact Instructor	$400 members / $450 others	6/4/2016	4/15/2016	TBD	TBD
1305 - Certified Software Quality Engineer (CSQE) Review	Arnold Miller 303-466-2631 Location: TBD	$400 members / $450 others	6/4/2016	4/15/2016	TBD	TBD
1322 - ASQ Exam BoK: Quality Concepts, Management and Leadership	Ron Sedlock 303-716-5873 or 303-587-9153 Location: TBD	$270 per student + $25 material = $295 Total	10/1/2016	8/12/2016	TBD	TBD
1323 - ASQ Exam BoK: Statistical Principles, Techniques and Applications	Ron Sedlock 303-716-5873 or 303-587-9153 Location: TBD	$270 per student + $25 material = $295 Total	10/1/2016	8/12/2016	TBD	TBD
1324 - ASQ CQE Book of Knowledge (Bok) Review	Ron Sedlock 303-716-5873 or 303-587-9153 Location: TBD	$135 per student + $15 material = $150 Total	6/4/2016	4/15/2016	TBD	TBD

(1) Course fee for ASQ or other professional society member/non-member.
(2) Cost of primers, texts, work-books, etc. are not included and must be purchased by the student prior the first class.
(3) See ASQ webpage for other certifications and test dates associated with conventions. http://asq.org/cert/dates
(4) Contact the Boulder Education Chair, Joe Wojniak (970) 619-9395   **http://asqBoulder.org courses**   If there is a class you need but is not listed above. We may be able to offer that class in the future.

COURSE REGISTRATION INFORMATION
You do not have to be a member of ASQ to attend a class however, members of ASQ and other professional societies receive a discount for classes. Local Quality professionals teach all classes in the Boulder/Longmont /Broomfield area unless otherwise noted. We contact you at least two weeks in advance of the class start date for the exact location. Classes are typically held at a company that employs one of the students. You may nominate your company for hosting a class. Directions and registration confirmations are provided. Participants receive a certificate upon completion of the course. We need a minimum of about 4 - 5 students to hold a course and we reserve the right to cancel or postpone classes not having enough students. A full refund will be given if minimum class registration requirements are not met. If you cancel within two weeks prior to a class beginning you may not receive a refund.

ASQ CERTIFICATION REVIEW COURSES
: These courses are intended as a refresher course for those preparing to take the ASQ Certification exam. These courses are typically not introductory and are intended for people with either academic and/or on the job experience. NOTE: Enrollment in a class DOES NOT enroll the student for the certification exam. The student is responsible for confirming exam dates and application deadlines with ASQ Headquarters. Qualification requirements for sitting for an exam and information regarding exam applications may be obtained by calling ASQ Headquarters at 1-800-248-1946 or go to http://www.asq.org

ASQ #1313 COURSE REGISTRATION FORM

Please complete the following information as thoroughly as possible. In case of a schedule change or cancellation, we really appreciate two phone numbers to contact you.

Student's Name: _____ ASQ Membership #:_____

or other Society and #: _____

Company Name: _____

Address: _____

_____

Daytime phone: _____ Night time phone: _____

E-Mail: _____ or FAX: _____

Course # and Name: _____

Course Start Date: _____

Course Fee: $_____(ASQ Member) $_____(Non-member)

Please enclose a check payable to "**ASQ Boulder Section"** and send check to: **1313 Education c/o Gerry Naugle P.O. Box 3783   Boulder, CO   80307**

and contact **the Boulder Section Education Chair Joe Wojniak**, Phone: 970-619-9395 (e-mail information on page 2) to reserve your spot in the course that you want.

GUARANTEE:
If you pay for and take one of our ASQ Certification review courses and still fail the Certification Exam, you may retake the course for free as many times as you need. The instructor reserves the right to charge for course materials (e.g., handouts, etc.). Your ASQ section leadership is committed to meeting your quality-related education and certification needs. If you have any questions about a particular course, please contact the instructor or the Boulder Section Education Chair (contact information above).

From: Ron Sedlock, the quality Catalyst

My availability is somewhat limited for 2016, but let me know if you have any training needs. I do exam preparation classes for most **ASQ Certification Exams**. You should begin the exam preparation at least three months prior to any exam. If you have 6 or more people seeking certification, I can provide in-house training.

Also I offer other courses which give more detail on quality improvement. Understanding S**tatistics** and effective **Auditing** techniques are subject matters I specialize in. On your own? I give advice on exam preparation and quality in general. **This is a free service**. It is my way of giving back to the profession that has served me well for 40 years. Have a great 2016!

Ron Sedlock, the quality Catalyst   phone: 303.587.9153
www.thequalitycatalyst.com

Colorado Quality Executive Network (CQEN)

This is a network of the top quality executive from various Colorado organizations. The purpose of CQEN is to share ideas on current quality trends and issues. Membership to the CQEN is by invitation only. Please pass on this information as appropriate.

Date: Thursday, April 21, 2016   Time: 1:00 to 5:00 pm

Location: Coors Brewery, Golden   Topic: Six Sigma in Quality Management

For more information, contact
Ron Sedlock, the quality Catalyst

Phone: 303-587-9153 303-587-9153
Email: ronsedlock@thequalitycatalyst.com

Cavendish Scott, Inc.

Cavendish Scott is the Rocky Mountain Region's primary ISO 9001:2015 training, consulting and auditing organization. They have given many presentations and workshops to ASQ members. Cavendish Scott, Inc. is the only US organization to have IRCA Certified ISO 9001:2015 Lead Auditor and "ISO-Transition Training" available.

ISO 9001:2015 Lead Auditor/IRCA ISO 9001:2015 Lead Auditor Training, Denver: IRCA training focuses on successfully learning the requirements of the new standard and new auditing techniques and skills. It demands an activity based learning environment – not death by PowerPoint. Learn the new standard and how it will be audited. Now is the time to make your plan and get your quality team registered for classes so they can fully understand the newest standard. Call for class starts in 2016.

ISO 9001:2015 Transition Training: The first step in addressing ISO 9001:2015 and upgrading your certification is a comprehensive review of the standard. Cavendish Scott, Inc., is presenting a one day intensive workshop to do just that. You will understand the requirements of the standard, their application, how they will be audited and implementation approaches. Solutions systems, best practices, and implementation plans will be discussed. Call for class starts in 2016.

984 S Vine St, Denver, CO 80209   (303) 480-0111

Quality-Related Career Openings / New Job Postings

There are several QA / QE Positions Open at Zimmer Biomet Corp in Broomfield/Interlocken

Quality positions are available at Zimmer Biomet Inc. Please apply at
http://www.zimmer.com/careers.html

310 Interlocken Parkway, Suite 120   Broomfield, CO 80021   www.zimmerbiomet.com

Quality Assurance Associate (Level II or III)
Flagship Biosciences, Inc. is a leading provider of tissue analysis services to pharmaceutical, biotech and medical device companies and organizations. Flagship is led by highly regarded molecular pathologists, image analysis experts, and biologists with many year of experience in pharmaceutical drug development. At Flagship, we are dedicated to improving the health of patients everywhere by pioneering the most advanced tissue image analysis, clinical support, and diagnostics services that help pharmaceutical companies develop the solutions to treat, manage, and cure the world's most challenging medical conditions.
We are looking for an experienced Quality Assurance Associate to join our small QA team in a dynamic, fast-paced environment that will be involved with all aspects of Flagship's business, including clinical trials, CLIA, FDA and medical device development. Depending on various factors, including the candidate's experience and skillset, the position may be offered at a QA Associate Level II or QA Associate Level III.
The Quality Assurance Associate, under minimal/limited supervision, performs activities to ensure that Flagship's laboratory and image analysis programs meet the high quality standards of our clients and regulatory agencies. This will include activities such as writing and reviewing Standard Operating Procedures (SOPs), reviewing study protocols and associated documentation, writing and reviewing audit questionnaires and audit responses, and assisting during on-site client audits.

Job Classification – Full time, exempt

Reports to: Quality Assurance Manager
We offer competitive pay, a generous benefits package, and a professional but casual work environment. This position is located in our Westminster, CO office.

Please visit our website at **www.flagshipbio.com**   to learn more about our company and this outstanding opportunity!
For consideration, please submit your application via the Careers page on our website.
Thank you for your interest in Flagship Biosciences!

STATE OF COLORADO
invites applications for the position of:
Colorado Residents Only - Project Manager
(LEAN Process Improvement)
This position is open only to Colorado state residents.

LOCATION: Lakewood, Colorado

PRIMARY PHYSICAL WORK ADDRESS: 600 Union Ave / Lakewood CO

SALARY: $6,139.00 - $8,500.00 Monthly
$73,668.00 - $102,000.00 Annually

FLSA STATUS: Exempt; position is not eligible for overtime compensation.

OPENING DATE: 03/10/16

CLOSING DATE: 03/25/16 05:00 PM

JOB TYPE: Full Time

DESCRIPTION OF JOB:
As part of a Project Management Office, this position is responsible for providing expertise in deploying programs and initiatives, leading projects, managing working teams and overseeing projects throughout the entire project lifecycle using established PMO best practices, artifacts and methodology. This includes managing all aspects of a project from inception through deployment, acceptance, closeout, and measurable benefits realization according to the projects expected goals and outcomes.

This role combines traditional Project Management with Lean Six Sigma process improvement methodologies and an analytical approach to drive continuous process improvement delivery with measurable business results.

In addition the incumbent will utilize mentoring, coaching and formal training to enhance the skills of other project managers, team members and key stakeholders in Project Management and Lean Six Sigma tools such as data analysis, process mapping, process analysis, data collection, process redesign and facilitation techniques.

MINIMUM QUALIFICATIONS, SUBSTITUTIONS, CONDITIONS OF EMPLOYMENT & APPEAL RIGHTS:
COLORADO RESIDENCY REQUIREMENT:

Applicants may be ineligible to apply for this position and subsequently disqualified if they do not have a Colorado address and a Colorado State issued Driver's License or Identification Card.

MINIMUM QUALIFICATIONS:

Graduation from an accredited college or university with a bachelor's degree in Business Administration, Business Management, Computer Science, Project Management or a closely related field (at the discretion of the hiring agency)

AND

Four years of professional experience using formal methodologies of process improvement or project management or a combination of both. Two of the years must be certified project management experience at the work leader or staff authority level.

NECESSARY SPECIAL MINIMUM REQUIREMENT:
A Project Management Professional (PMP) certification issued by PMI or comparable entity (At the discretion of the hiring agency).

If you do not currently have a certification, you will need to obtain your certification within 1 year of hire date.

SUBSTITUTIONS
Professional level project management experience may be substituted on a year-for-year basis for the Bachelor's degree.

An advanced degree in project management may substitute for one year of the required post-PMP experience.

A Master's or Doctorate degree from an accredited college or university in a field of study related to the work assignment may be substituted for the Bachelor's degree and one or two years of the general experience respectively.

PREFERRED QUALIFICATIONS AND COMPETENCIES
The preferred candidate will possess the following:

- A Project Management Professional (PMP) certification issued by PMI or comparable entity
- Eight years of professional project management experience which included professional high-level experience in one or more of the following: administering, planning, organizing, executing and overseeing project
- 2 Years Lean Six Sigma experience or other formal process improvement methodology
- Intermediate level of knowledge working with Microsoft Project software for managing project schedules
- MS project and MS Visio experience
- Online project management software experience
- Familiarization with code installations, system conversions and system migrations
- Ability to provide direction to a project team including assignments of individual responsibilities, tasks and technical functions
- Ablility to manage relationships with vendors and contracts, project sponsors, team members and stakeholders
- Ability to prepare and present project deliverables including project management, risk management, budget and quality management, and communication plans, schedules, status report plans and quality management
- Demonstrated success in planning and managing multiple medium-to-large projects of significant magnitude in terms of complexity, cost, time-constraints, internal and external staffing to completion
- Exceptional oral and written skills

  agency.governmentjobs.com/colorado/job_bulletin.cfm?jobID=1372587&sharedWindow=0

STATE OF COLORADO
invites applications for the position of:

Chief Data Officer (Senior Executive Service)

This announcement is not governed by the selection processes of the classified personnel system. Applications will be considered from residents and non-residents of Colorado.

CLASS TITLE: MANAGEMENT

LOCATION: Denver, Colorado

PRIMARY PHYSICAL WORK ADDRESS: 4201 E. Arkansas Ave., Denver, CO 80222

SALARY: $10,000.00 - $12,500.00 Monthly

OPENING DATE: 02/08/16

CLOSING DATE: Continuous

JOB TYPE: Full Time

DEPARTMENT INFORMATION:

This position is open to Colorado residents and non-residents applicants.

About CDOT
The Colorado Department of Transportation is a billion dollar multi-modal engineering, planning, and roadway maintenance business dedicated to a mission to provide the best multi-modal transportation system for Colorado that most effectively and safely moves people, goods, and information. CDOT, with more than 3,300 employees assigned throughout the state, is responsible for a 9,146 mile highway system including 3,447 bridges. Each year this system handles over 27 billion vehicle miles of travel. Although the Interstate system accounts for only about 10% (914 miles) of the total mileage on the state system, 40% of all travel takes place on our Interstate highways. In addition, CDOT's Aeronautics Division supports Colorado's general aviation community through distribution of entitlement funds, an aviation grant program, and long-range system planning in partnership with Colorado's general aviation airports. CDOT's Division of Transit and Rail is responsible for the planning, development, finance, operation, and integration of transit and rail services into Colorado's overall transportation system.

CDOT's core values of safety, people, integrity, customer service, excellence and respect make CDOT a great place to work, making Colorado a great place to live, now and for the future.

CDOT offers a variety of benefits for employees including:

- Annual leave (accrued based on years of service, starting at 8 hours a month)

- Sick leave accrued at 6.66 hours a month
- 10 paid holidays per year
- Medical and dental plans
- State paid life insurance policy of $50,000
- Choice of 2 retirement plans
- 401K and 457 plans
- State paid Short Term Disability coverage
- Credit Union Membership
- Work life programs
- Free RTD EcoPass
- Tuition reimbursement programs
- Training

#LI-POST

DESCRIPTION OF JOB:
The Colorado Department of Transportation is seeking an exceptional business-focused individual to drive the long-term definition and implementation of CDOT's data strategy, maximizing data integration and architecture, driving data acquisition, ensuring data security, and most importantly, evaluating and implementing how big data aids in the achievement of CDOT's strategic objectives to improve safety and mobility on our transportation system.

Overview of the Position

With the rise in service-oriented architectures (SAP and GIS), the need for large-scale system integration, and heterogeneous data storage/exchange mechanisms (Traffic Management System - CTMS/XML feeds, Traffic Safety Data on FoxPro, GIS data and many other data systems) at CDOT, the Chief Data Officer will need to possess a combination of business knowledge, technical skills, and people skills to guide data strategy. This role is not simply about architecting data or designing databases, but rather overseeing these projects from a high level and working to methodologically define the data business strategy CDOT should pursue across its many divisions with a focus on two priorities:

1. Defining and sharing actionable data for external stakeholders, partners and the public;
2. Defining and sharing actionable data to improve internal operations, planning and implementation.

As part of the Executive Management Team, this position is also a unique opportunity to transform the transportation department and its business models, as transportation moves into the use of data to maximize investment decisions, and the operations and safety of its system and to facilitate the rapidly changing transportation technology environment (vehicle to vehicle and vehicle to infrastructure data, etc.).

This role will operate as a global center of excellence across various divisions within CDOT for advanced analytics tools, technology and methodology to make Colorado one of the leading states in travel mobility, safety and reliability, and use of data to guide business and investment decisions. Some relevant data may be collected, maintained, or owned by other agencies, requiring coordination and integration. During the first few months, the person in this position will be responsible for analyzing the current state of CDOT's operations in this area and making recommendations as to the organizational structure and makeup of the data division that this person will be leading, including any direct or indirect supervision of staff and coordination with other divisions.

Responsibilities:

- Develop and manage CDOT's data vision and strategy and create the roadmap to meet

enterprise needs while working closely with the senior leaders across multiple divisions of CDOT including Division of Transportation Development, Transportation System Management and Operations, Office of Information Technology, Traffic Safety and others

- Develop a big data architecture that employs advanced quantitative methods, including data mining techniques, to create predictive analyses to achieve CDOT's strategic objectives
- Define the data assets and functional capabilities for data and advanced analytics
- Oversee implementation of data initiatives and programs in collaboration with senior leaders, stakeholders, data stewards and OIT
- Create a more nimble, efficient, and effective data architecture capable of facilitating CDOT's overall data strategy and strategic objectives including defining the platforms used for data storage, data distribution and integration
- Work with senior management, data owners, and data stewards to achieve data quality accuracy and process requirement goals for all internal and external customers
- Define a systematic approach to measure and evaluate data quality
- Act as a key opinion leader and provide industry feedback
- Champion global data management, governance, quality, and vendor relationships across the enterprise by establishing a data governance council that helps create data policies, standards, organization and enforcement of concepts as established
- Report on progress of enterprise data management governance, including metrics
- Oversee the monitoring of data quality efforts within the organization and provide a central authority for the resolution on data management issues that cannot be resolved by the data governance council
- Establishes data vendor management strategy and provides oversight to support implementation and coordinates with OIT
- Oversee the education of the organization on data management concepts, the appropriate usage of data, enterprise master data management and data quality concepts, enterprise decision-support concepts, data vendor capabilities, definition and appropriateness of data management, rules on data access, and other data-related issues
- Has executive responsibility for enterprise information/data management budget and data-related systems initiatives
- Understands and stays abreast of data requirements for federal government (USDOT, NHTSA, FHWA, etc.)

Work Environment:

- Travel by car (CDOT vehicle) within the State of Colorado (Driver's license is required)
- Primary location is in Denver with possible statewide and national travel.
- Typical schedule is Monday to Friday, 8-5, but will also work some evenings and occasional weekends.
- This position can be subject to many interruptions while handling multiple projects
- Operate in a politically-sensitive and at times high-pressure environment

MINIMUM QUALIFICATIONS, SUBSTITUTIONS, CONDITIONS OF EMPLOYMENT & APPEAL RIGHTS:
This experience must be specifically documented on your application. Additional information submitted after the closing date of this announcement will not be considered in the review of your application.

The qualified applicant will possess, at a minimum:

- Bachelors, master's degree preferred, in business administration, information technology, applied statistics, data analysis or similar field
- Minimum 10+ years data management and/or software engineering experience
- A current valid driver's license is required for this position as it requires operating a state

or personal motor vehicle to perform one or more essential functions of the position

NOTE: A legible copy of your unofficial college transcript(s) or credential evaluation report must be submitted with your application. Transcripts from colleges or universities outside of the United States must be assessed for U.S. equivalency by a NACES educational credential evaluation service. Failure to provide a transcript or credential evaluation report will result in your application being rejected and you will not be able to continue in the selection process for this position.

Stronger candidates will be those that demonstrate depth and breadth of skill and ability, through a combination of professional experience and formal training, to successfully perform the duties and responsibilities of this position.

The **Exceptional Applicant** will be an experienced Data Science Professional and will possess the proven ability or accomplishment in the following:

- Experience with enterprise metadata management and industry standards
- Proven experience leading strategic design, delivery and governance of major cross functional business efforts
- Experience operationalizing data governance, data stewardship, and data quality
- Working knowledge of multiple technology systems and data management tools
- Ability to understand complex issues and develop meaningful analysis and recommendations to line of business, and executive management
- Effective communication skills able to support independent viewpoints to executive management
- Leadership and organization skills
- Polished oral communication skills
- Strong writing abilities and experience with writing a variety of communication pieces
- Strong customer service skills
- Ability to work under tight deadlines and be adaptable to changing assignments
- Ability to manage multiple assignments
- Strong attention to technical detail
- Ability to partner with professionals, consultants, stakeholders and staff, with sensitivity to their needs and priorities
- Negotiation to find mutually acceptable solutions; building consensus through give and take
- Effective interpersonal and relationship building skills
- Working effectively in both independent and team situations
- Time and project management skills

Employment Screening

If an applicant reaches the finalist stage of the hiring process, the Colorado Department of Transportation may procure a consumer report and/or investigative consumer report on the applicant in connection with his/her application for employment purposes, as defined under the Fair Credit Reporting Act. These reports may be obtained at any time after receipt of the applicant's authorization. As part of the employment screening an applicant will be requested to disclose any differed judgments and convictions as well an explanation of the circumstances around any arrest or conviction. In the event that a screening returns information that the applicant believes is not accurate, he or she will have an opportunity to dispute the information with "TC logiQ".

TC logiQ, a consumer reporting agency, will obtain the report for CDOT. Further information regarding TC logiQ, including its privacy policy, may be found online at www.TClogiQ.com. TC logiQ is located at 629 N. Weber St., Suite 7C, Colorado Springs, and can be reached at

877.825.6447 877.825.6447 FREE.

The report may contain information bearing on the applicant's character, general reputation, personal characteristics, and mode of living. The information that may be included in the report includes: *social security number trace, criminal records check, public court records checks, education records, and driving records checks*. CDOT will only request credit reports insofar as they relate to the position for which the applicant is applying. The information contained in the report will be obtained from private and/or public record sources. The applicant will have the right, upon written request made within a reasonable time after receipt of a notice, to request disclosure of the nature and scope of any investigative consumer report.

SUPPLEMENTAL INFORMATION:
Applicant Checklist: Only complete applications submitted by the closing date for this announcement will be given consideration. Immediately after you submit your application you should receive an email that confirms that you successfully submitted an application for this position. If you do not, try submitting again until you receive the confirmation email. Be sure to also check your junk folder for email communications from the State of Colorado's website.

Complete Applications must include the following documents:
1) A complete CDOT Application for Announced Vacancy (please submit online using the link in this announcement)
2) A complete Supplemental Questionnaire (must submit online as part of your application)
3) A copy of your official or unofficial transcript showing that your degree has been conferred and the name of your school, or your NACES accreditation
4) A written narrative. The written narrative should describe your interest in this position and specifically how your education, abilities, skills and experience relate to the requirements, responsibilities and competencies listed in the job announcement. The limit is 1 page. Please label all pages with your full name. (Please attach to your online application.)
5) A chronological resume. (Please attach to your online application.)

Only complete applications will be given consideration. Every effort must be made to submit transcripts by the announcement close date. Where unusual circumstances prevent timely acquisition of transcripts, they must be submitted within five business days of the announcement close date.

Resumes will not be accepted in lieu of a completed application, but may be used to supplement information to the application. Failure to submit properly completed documents by the closing date of this announcement may result in your application being rejected.

Former employees of the Colorado Department of Transportation System or any other State of Colorado Department or Agency, who were disciplinarily terminated or resigned in lieu of termination, must disclose this information on his/her application.

ADA Accommodations: To request an accommodation, please contact the Center for Human Resource Management at (303)757-9216 (303)757-9216 or the contact listed on this announcement as soon as possible to be timely for the assessment process. Any person with a disability as defined by the Americans with Disabilities Act (ADA) may be provided a reasonable accommodation upon request to enable the person to participate in the hiring process. The person making the request may be asked to provide additional information regarding functional limitations and type of accommodation needed which will be kept confidential. Advance preparation may be required so requests for accommodation need to be timely for each part of the assessment.

CDOT IS AN EQUAL OPPORTUNITY AND AFFIRMATIVE ACTION EMPLOYER COMMITTED TO ASSEMBLING A DIVERSE WORKFORCE.

TDD (SAP #50000036/PCR #14532)

HOW TO APPLY: Thank you for your interest. Submit an on-line application by clicking the link below or submit a State of Colorado Application for Announced Vacancy and all supplemental questions according to the instructions provided below. Failure to submit a complete and timely application may result in the rejection of your application. Applicants are responsible for ensuring that application materials are received by the appropriate Human Resources office before the closing date and time listed above.

IF NOT APPLYING ON-LINE, SUBMIT APPLICATION TO:
4201 E. Arkansas Ave., Human Resources, Denver, CO 80222; Fax 303-757-9081; Email: DOT_CDOT_Recruiting@state.co.us All application materials must be received by the closing date/time of this announcement. Please be sure to include the name and location of the position you are applying for on all application materials.

DEPARTMENT CONTACT INFORMATION:

Tawnya.DeHerrera@state.co.us or 303-757-9225 303-757-9225

METHODS OF APPOINTMENT: This position is not part of the classified state personnel system.

Chief Data Officer (Senior Executive Service) Supplemental Questionnaire

* 1. Please describe in detail your experience managing large, integrated data systems. List the company(ies) where you performed this work, the dates of employment (mo/yr – mo/yr) and the number of hours per week.

* 2. Please describe your accomplishments that you envision within your first 90, 180 and 360 days in this position.

* 3. Have you been subject to disciplinary action in the last three years of your work experience? If so, please provide details of that disciplinary action. If not, please state "N/A".

* 4. If you have worked for the State of Colorado in the past, please describe the following details: When you worked for the State of Colorado, the name of the agency or department; If you worked at CDOT, the Region and location of your employment and the name of your past supervisor(s); The circumstances of your separation from the State of Colorado (e.g. relocation, involuntary separation, etc.). **NOTE: If you have never worked for the State of Colorado in the past, please enter "N/A" in the space below.

* Required Question

Donor Alliance, Inc.

www.donoralliance.org

Donor Alliance is the federally-designated, Association of Organ Procurement Organizations (AOPO) and American Association of Tissue Banks (AATB) accredited, non-profit organ procurement organization serving Colorado and most of Wyoming. As a recognized leader in facilitating the donation and recovery of transplantable organs and tissues, Donor Alliance's mission is to save lives through organ and tissue donation and transplantation. To achieve this mission, Donor Alliance employs effective family approach and recovery programs in more than 100 hospitals. Donor Alliance also inspires the public to register as organ and tissue donors through community partnerships, public outreach and education campaigns throughout its donation service area.

OPTN COMPLIANCE COORDINATOR *–Denver, CO,*
The Organ Procurement and Transplantation Network (OPTN) Compliance Coordinator is responsible for the timely and accurate review of organ donor records to ensure regulatory compliance and quality service delivery to the OPTN system. In addition, this position gathers information from internal OPO systems and external industry systems, analyzes data to establish baseline performance metrics, and makes recommendations for process improvement initiatives. The OCC serves as a monitor of upcoming regulation or standard changes and additions that might affect the organization's policies and procedures and participates in making the necessary changes to meet new requirements.

QUALIFICATIONS:
- *Bachelor's degree in a related field and/or equivalent work experience strongly preferred. High school diploma or equivalent required.*
- *Minimum of two years' experience in a regulated industry or in a clinical or hospital setting required.*
- *Knowledge of diseases and medical terminology is required.*
- *Experience with hospital records strongly preferred.*
- *Quality assurance/quality control experience preferred.*
- *Strong organizational skills required.*
- *Proficiency in the use of computer equipment and software, including but not limited to, Windows environment (Word, Excel, Outlook – Intermediate to Advanced skills) required. Strong word processing, database and presentation software skills. Ability to perform data entry and audit.*
- *Strong interpersonal skills and ability to work both independently and as part of a team required.*

RESPONSIBILITIES:
- *Reviews organ donor records and ensures that all records are in compliance with regulatory agencies (primarily OPTN, CMS, and AOPO), as appropriate.*
- *Reviews donor information, accurately completes data entry of Deceased Donor Feedback (Feedback), Potential Transplant Recipient (PTR) and Deceased Donor Registration (DDR) forms, and submits required information to the OPTN system according to OPTN Policies.*
- *Monitors and reports compliance with OPTN allocation policies and data submission requirements for Feedback, PTR and DDR entry.*
- *Works closely with other departments to obtain information for chart review and data submission.*
- *Reviews post-case medical information and distributes information to transplant centers, other organ procurement organizations (OPO's), and other agencies as appropriate.*
- *Ensures data integrity by verifying critical data points are entered into the OPTN system for organ donor cases. Audits the donor chart to ensure that data collection processes are consistent, repeatable and appropriate throughout the organization.*
- *Evaluates medical records for documentation of infectious disease process, autoimmune disease, communicable disease agent, and other medical conditions.*

- *Gathers and distributes information and reports to/from other organizations, including but not limited to OPO's, Rocky Mountain Lions Eye Bank (RMLEB), transplant centers, laboratories, regulatory agencies, or research organizations as appropriate.*
- *Collaborates with the Organ Procurement department to ensure and verify correct recipient information was entered into the donor record for local and import cases. Communicates with transplant centers for recipient follow-up information. Adds recipient information into electronic database on local and import organ cases as appropriate.*
- *Gathers organ donor culture information, enters results into electronic database, and reports results to transplant centers as appropriate.*
- *Facilitates the internal review of autopsy reports and other post-transplant information, and makes the appropriate notifications.*
- *Responsible for monitoring OPTN communication and communicating policy changes to the Directors of Quality Systems and Organ Procurement.*
- *Assists in the auditing process for organ chart review and other organ activities.*
- *Assists in the preparation process for on-site inspections from OPTN (UNOS), AOPO, and CMS.*
- *Collects and documents information in a sequential, accurate and timely manner.*
- *Collaborates with the Director of Quality Systems in the review and maintenance of applicable SOPPs as necessary.*
- *Maintains confidentiality of all donor/recipient information.*
- *May perform other related duties as required to meet the ongoing needs of the organization.*

We offer a competitive compensation and excellent benefits package.

Please "ctrl-click" here to submit your resume: **https://home.eease.adp.com/recruit/?id=15084581**

ASQ's Vision

By making quality a global priority, an organizational imperative, and a personal ethic, ASQ becomes the community for everyone who seeks quality concepts, technology, or tools to improve themselves and their world.

ASQ's Mission

To increase the use and impact of quality in response to the diverse needs of the world.

ROCKY MOUNTAIN
PERFORMANCE EXCELLENCE

We are pleased to announce the 2015 RMPEx Award Recipients!

Peak Awards

- **AlloSource, Centennial , Colorado**
- **Community Hospital, McCook, Nebraska**
- **Donor Alliance, Inc., Denver, Colorado**

Foothills Award

- **El Paso County School District 49, Peyton, Colorado**

Please join us in a hearty congratulations to all the RMPEx Award recipients for this past year! And watch for the announcement of our Quest Event where you can hear what these great organizations have accomplished on their journey to performance excellence.

Jim Walker, Award Program Director

Rocky Mountain Performance Excellence
P.O. Box 17545   Denver, CO   80217
Phone 303-893-2739   http://rmpex.org/

Jim Walker, Award Program Director: DrJimW@hotmail.com