Editor's Note: Cover Photo-
The CSI Columbus Chapter was chartered on February 15th, 1958.
# CSI Columbus Chapter – Officers & Directors

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Company</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
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<td>President</td>
<td>Jerry Stickler CSI, CCCA</td>
<td>Elford, Inc.</td>
<td>(614) 457-2072 <a href="mailto:Barney5636@yahoo.com">Barney5636@yahoo.com</a></td>
</tr>
<tr>
<td>President Elect</td>
<td>Brian McNally, CSI, CDT</td>
<td>Meyers + Associates Architecture</td>
<td>(614) 221-9433 <a href="mailto:bmcnally@meyersarchitects.com">bmcnally@meyersarchitects.com</a></td>
</tr>
<tr>
<td>1st Vice President</td>
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<td>G-P Gypsum</td>
<td>(567) 644-3632 <a href="mailto:tod.mckirnan@gapac.com">tod.mckirnan@gapac.com</a></td>
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<td>2nd Vice President</td>
<td>Buddy Stanford, CSI</td>
<td>Ohio Coating Consultants, LLC</td>
<td>(614) 850-8160 <a href="mailto:BStanford@ohiocoating.com">BStanford@ohiocoating.com</a></td>
</tr>
<tr>
<td>Secretary</td>
<td>Thad Goodman, FCSI, CCPR</td>
<td>National Gypsum Company</td>
<td>(614) 296-5375 <a href="mailto:thadg@nationalgypsum.com">thadg@nationalgypsum.com</a></td>
</tr>
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<td>Treasurer</td>
<td>Rick Howard, FCSI, CCS, AIA, NCARB, SCIP</td>
<td>Richard G. Howard, Architect</td>
<td>(614) 307-6976 <a href="mailto:rick@rgarch.com">rick@rgarch.com</a></td>
</tr>
<tr>
<td>Immediate Past President</td>
<td>John Walker, CSI, CDT</td>
<td>NOVUM Structures LLC</td>
<td>(610) 721.2240 <a href="mailto:john.walker@novumstructures.com">john.walker@novumstructures.com</a></td>
</tr>
<tr>
<td>Director 2019</td>
<td>Dennis Hacker, AIA, CSI, CCS, CCCA, LEED AP BD + C</td>
<td>Fanning/ Howey Architects</td>
<td>(614) 764-4661 <a href="mailto:dhacker@fhai.com">dhacker@fhai.com</a></td>
</tr>
<tr>
<td>Director 2019</td>
<td>Jeff Schumaker, RA, NCARB, CSI, CDT</td>
<td>M + A Architects</td>
<td>(614) 764-0407 <a href="mailto:jeffrey1343@wowway.com">jeffrey1343@wowway.com</a></td>
</tr>
<tr>
<td>Director 2018</td>
<td>Rachel Middleton, CSI</td>
<td>Columbus State Community College</td>
<td>Architect in Training <a href="mailto:rachm2913@msn.com">rachm2913@msn.com</a></td>
</tr>
<tr>
<td>Director 2018</td>
<td>Jim McDonald, CSI, CDT, LEED AP BD+C</td>
<td>PCI Design Group, Inc.</td>
<td>(269) 823-5821 <a href="mailto:jimmcdonald067@gmail.com">jimmcdonald067@gmail.com</a></td>
</tr>
<tr>
<td>Director 2018</td>
<td>Adam Olson, CSI</td>
<td>Olson Architectural Products</td>
<td>(614) 507-0023 <a href="mailto:adam@oapinc.us">adam@oapinc.us</a></td>
</tr>
<tr>
<td>Director 2018</td>
<td>David Petersen, CSI</td>
<td></td>
<td>(614) 764-2533 <a href="mailto:dpetersen2@columbus.rr.com">dpetersen2@columbus.rr.com</a></td>
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Presentation Overview:

Quality Assurance –
The Project Life Cycle

Presenter:
Gary Bowen CCM, Director of Field Services

Learning Unit:
1 Pending AIA CEU Learning unit/HSW

Course Summary: Architects and designers are tasked with developing plans and specifications that incorporate quality management into the building process. Quality assurance adds value by eliminating mistakes and ensuring that the project meets the quality standards expected by the client. Quality processes start in the pre-design phase and extends into design, construction and post-construction phases. Each project requires unique tasks associated with quality because of the type of project; the location; and the project delivery method. This course will examine several elements of quality management from the perspective of a Construction Manager that also provides quality assurance services to the building industry. The presentation will address several services and technologies that promote quality including: geotechnical reports; quality management specifications; constructability reviews; value engineering; risk assessment; construction inspection, construction quality assurance testing; and many of the technologies that promote quality.

Learning Objectives:
1. The definition of quality management and differences between quality assurance and quality control.
2. How to identify additional opportunities for increased quality throughout the project lifecycle
3. How to specify and use quality assurance testing during construction
4. Ability to describe technologies available for quality assurance

Speaker Bio: Gary Bowen, Certified Construction Manager (CCM) is the Director of Field Services for DLZ. He manages the company’s Ohio and Pennsylvania Construction Management, Inspection and Materials Testing practice, with more than 70 engineers and inspectors. Gary’s background includes 20 years of managing public infrastructure construction, including transportation improvements; underground utilities; trenchless technologies; river restorations and building & facilities construction and renovation. He also led DLZ’s corporate evaluation and implementation of a Project Management Information System in 2012 and 2013, and was named to ENR’s Top 20 Under 40 in the Midwest in 2014. Gary is a graduate of Centre College in Danville, KY and Capital University in Columbus, Ohio. He is the President of the Development Board of Nationwide Children’s Hospital and participates in several industry organizations including Construction Managers Association of America, National Association of Sewer Service Companies (NASSCO) and American Council of Engineering Companies (ACEC).

Contact Info:
Gary Bowen CCM
Director of Field Services
O: 614-888-0040 ex. 407
C: 614-332-9183
gbowen@dlz.com
www.dlz.com

Monday, January 8th, 2017 11:30 am The Boathouse, Confluence Park, Columbus
The CSI Columbus November Chapter Meeting featured James L. Salmon of Collaborative Construction. He advocates the use of integrated project delivery (IDP) and building information modeling (BIM) to create smart building cultures around the world. Jim focused first on the Design-Bid-Build model and its propensity to create a silo approach. His example of baking adversarial issues into the construction cake brought smiles around the room and nodding heads. Aligning foundational values with IDP and BIM Principles supports a strong culture of trust. Using “smart” culture building blocks and the willingness to embrace a cycle of continuous improvement leads to increased collaboration.

Please remember to register for the monthly chapter meeting when you get the Eventbrite notice to allow timely seating for all. The Boathouse allots meeting space assignments based on Registration. Chapter Tours are often limited by space as well. Help our membership team out by letting us know you are coming.

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Allstonian, ROC + MCO, IAC, May 2017
We ring in 2018 with some New Year's trivia

- According to statistics from the National Insurance Crime Bureau, more vehicles are stolen on New Year's Day than on any other holiday throughout the year.

- Why should you ring in the New Year with family and friends? It is thought that the first visitors you see after ringing in the New Year would bring you good or bad luck, depending on who you keep as friends and enemies. Keep your friends close and your enemies far, far away!

- The Time Square New Year’s Eve Ball came about as a result of a ban on fireworks. The first ball, in 1907, was an illuminated 700-pound iron and wood ball adorned with one hundred 25-watt light bulbs. Today, the round ball designed by Waterford Crystal, weighs 11,875-pounds, is 12 feet in diameter and is bedazzled with 2,668 Waterford crystals.

- Due to wartime restrictions, the New Year’s Eve ball was not lowered in 1942 and 1943.

- Throughout the year, visitors to Times Square in New York City write their New Year’s wishes on pieces of official Times Square New Year’s Eve confetti. At the end of the year, the wishes are collected and added to the one ton of confetti that showers the crowd gathered in Times Square in celebration of the New Year.

- The top three designations in the United States to ring in the New Year are Las Vegas, Disney World and New York City.

- Food plays a big role in New Year's traditions. Eating black-eyed peas, ham or cabbage are thought to bring prosperity. However, stay away from bad luck foods like lobsters, because they move backwards, and chicken, because they scratch in reverse. It is believed that eating these on New Year’s Day might cause a reversal of fortune.

- In Colombia, Cuba and Puerto Rico families stuff a life-size male doll called Mr. Old Year with memories of the outgoing year and dress him in old clothes from each family member. At midnight he is set on fire - thus burning away the bad memories of the year.

- 40 to 45 percent of American adults make one or more resolutions each year. The top New Year's resolutions include weight loss, exercise, quitting smoking and better money management. By the second week of January, 25 percent of people have abandoned their resolutions.
Come Celebrate 60 years with us!

February 12th, 2018 at the Boathouse on Dublin Rd
View the Chapter Charter and other Historical Documents.
Wayward Websites

There’s often a lag between the time something new comes along and the time it is fully incorporated into our lives or work. When websites first came online, in the mid-‘90s, they had obvious potential but companies weren’t sure what to do with them. As I recall, many of them focused on the history of the company, stocks and market activity, and various other things useless to most visitors. The content was what the company owner thought was interesting; it was not what the prospective customers needed.

At the time, there wasn’t much in the way of instruction for web designers and there were few rules about how to make a website work or what it should be. An architecture firm in my area had a beautiful website, graced by one of the firm’s most impressive projects. The problem was, it took forever to load. I analyzed the code and the files, and discovered they were using a huge image file. They apparently didn’t know that there usually is no discernible difference between an image file of a few kilobytes and the same image in a two-megabyte file.

Eventually, website designers grew familiar with HTML and the way web pages should be formatted, companies learned what users wanted, and users learned how to search websites to find what they wanted. Even though most websites weren’t perfect and many had serious problems, websites became much better and continued to evolve.

And then, along came mobile devices. At first there were few problems, but in typical fashion, the more people used their smartphones, the more they expected from them, and the more they became like miniature computers, able to do most of what their larger cousins were able to do. Unfortunately, their size - the very thing that made them so useful and contributed to their rapid growth - limited the amount of information they displayed. Monitors had been growing in size for many years, and software was written to take advantage of the available space. Despite the obvious limitations of a small screen, users demanded that websites be fully functional on a smartphone, and website designers did what they could to make everything available to this new market.

All that makes sense, but instead of making everything work, computer and software designers merely moved the problem from one machine to another. The first image in this article is a screen capture from my iPhone. It’s close to actual size, so you can imagine that it isn’t easy to work with. The picture can be resized, though, making it easy to access the various options. The same image on my desk monitor fills the screen from top to bottom. All of the twenty-one links to other information are large enough to read, and all are visible at the same time.

I’ve been using multiple monitors for a few years, and I’ve found that I have not yet reached the point where I have enough of them. I used two (the notebook monitor plus one external monitor) for a few years, and acquired a third this summer. It’s so much easier to work when several documents or programs can be displayed at once, rather than having to continually pull one on top of the others!

The result of these changing technologies is that I finally have about as much monitor area as I want, but because of the drive toward miniaturization, that space is poorly used by today’s software. Here’s a picture of my monitors:
Both are 24-inch monitors, with a viewing area 20-1/2 inches wide by 16 inches tall. That's 164 square inches, or 1.14 square feet per monitor. Total: 2.28 square feet. My iPhone has a screen that is 2-1/2 inches wide by 4 inches tall, total area 10 square inches, or 0.07 square feet.

Now look at the websites on my monitors. Notice the inefficient use of more than two square feet to show two nearly full-screen images and a handful of words. That may work on my iPhone, assuming I wanted to try to use it to read large quantities of information, but it makes no sense on a standard monitor.

You might be inclined to dismiss this problem, knowing that it's easy to scroll down or choose a menu option. That would be fine, but the same format typically is used throughout the website. So, instead of being able to read a reasonable amount of text on that big monitor, the user is forced to scroll through huge graphics and choose options presented in oversized icons. Here are two more examples that show how something designed for a tiny screen makes no sense on a monitor.

I can easily display two Word files on a single screen with a font size even I can read without my glasses, a total of about 1,000 words. With websites like those illustrated here, I might see only as much as 100 words plus a few icons on the entire screen!

Other irritating features of many sites are the pop-up and drop-down screens that often conceal much of the information that was present. Some of these suddenly appear or disappear as the cursor is moved, while others hang on until the cursor is moved to another place.

The crazy thing is that many of these probably are award-winning websites. They can be beautiful, and the bells and whistles can be interesting, but instead of helping the user, they present more obstacles to finding useful information. In a way, they're like magazine architecture. Lots of wow factor, with function as an afterthought.

There are ways that websites can detect what device you're using and modify the website content to fit. In fact, the Clarus and Deko websites use this technology. If you visit those sites, you'll see that the arrangement and size of the things you see will change as you shrink or expand the browser window. Unfortunately, the font size appears to be fixed, and while some images will change size, there seems to be a lower limit, and the sizes of many icons are fixed. So, despite the flexibility, the information density is high only on mobile devices, and what is seen on a large monitor is mostly empty space.

For an interesting discussion of current website layout, see http://blog.teamtreehouse.com/which-page-layout. What has your experience been? Do you find yourself doing a lot more scrolling and searching now? How often do you look for product information with a smartphone instead of a computer? Do you write or read specifications on a smartphone?

© 2017, Sheldon Wolfe, RA, FCSI, CCS, CCCA, CSC
CSI Columbus and CSCC Construction Management present

CDT BOOT CAMP SPRING 2018

Saturday April 21 8 AM – 3 PM
Davidson Hall Room 229
Columbus State Community College
550 East Spring Street, Columbus OH 43215

SCHEDULE

7:30 – 7:59 AM Registration
8:00 – 8:05 AM Welcome and Introduction, CDT Exam Candidate Booklet
8:06 – 8:50 AM Fundamentals
8:51 – 8:59 AM Break
9:00 – 9:50 AM Project Concept, Delivery & Design Process
9:51 – 9:59 AM Break
10:00 – 10:59 AM Construction Documents 1
11:00 – 11:45 AM Lunch (on your own)
11:45 – 12:35 PM Construction Documents 2
12:36 – 12:44 PM Break
12:45 – 1:35 PM Procurement & Preconstruction
1:36 – 1:44 PM Break
1:45 – 2:35 PM Construction, Life Cycle and Operations & Management
2:36 – 3:00 PM Open Forum & Feedback

Seating limited to first 20 attendees. A donation of $75 is requested with 100% going to the CSI Columbus CSCC Scholarship fund. Make checks payable to: CSI Columbus and mail to: CSCC Construction Management, DH 205, PO Box 1609, Columbus, OH 43216-1609.

NEW for 2018! Eligible for 6.0 AIA-CES continuing education units.

Questions? Contact Dean Bortz, CSI CDT: 614-287-5033 dbortz@csc.edu
11 Time Management Tips That Work

Power Up and Be More Productive with these Time Management Tips

By Susan Ward
Updated November 06, 2017

Do you feel the need to be more organized and/or more productive? Do you spend your day in a frenzy of activity and then wonder why you haven’t accomplished much? Then these time management tips are for you – they’ll help you increase your productivity and stay cool and collected.

Time Management Tips

1) Realize that time management is a myth.

This is the first thing you have to understand about time management; no matter how organized we are, there are always only 24 hours in a day.

Time doesn’t change. All we can actually manage is ourselves and what we do with the time that we have. Appreciate this. Internalize it. And move on as soon as possible to the next tip.

2) Find out where you’re wasting time.

Many of us are prey to time-wasters that steal time we could be using much more productively. What are your time bandits? Do you spend too much time ‘net surfing, reading email, Facebook posting, texting, or making personal calls?

Are you a time waster? Tracking Daily Activities explains how to track your activities so you can form an accurate picture of how much time you spend on various activities, the first step to effective time management.

3) Create time management goals.

Remember, the focus of time management is actually changing your behaviors, not changing time. A good place to start is by eliminating your personal time-wasters. For one week, for example, set a goal that you’re not going to take personal phone calls or respond to non-work related text messages while you’re working.

(See Set Specific Goals for help with goal setting.) For a fun look at behaviors that can interfere with successful time management, see my article Time Management Personality Types. Find out if you’re a Fireman, an Aquarian or a Chatty Kathy!

4) Implement a time management plan.

Think of this as an extension of the third time management tip. The objective is to change your behaviors over time to achieve whatever general goal you’ve set for yourself, such as increasing your productivity or decreasing your stress. So you need to not only set your specific goals, but track them over time to see whether or not you’re accomplishing them. See also: Top Time Tracking Software Programs and 27 Time-Saving Apps for Small Business Owners.

5) Use time management tools.

Whether it’s a Day-Timer, a software program or a phone app, the first step to physically managing your time is to know where it’s going now and planning how you’re going to spend your time in the future. A software program such as Outlook, for instance, lets you schedule events easily and can be set to remind you of events in advance, making your time management easier.
6) Prioritize ruthlessly.

You should start each day with a session prioritizing the tasks for that day and setting your performance benchmark.

If you have 20 tasks for a given day, how many of them do you truly need to accomplish? For more on daily planning and prioritizing daily tasks, see Start the Day Right With Daily Planning.

7) Learn to delegate and/or outsource.

Delegation is one of the hardest things to learn how to do for many business owners, but no matter how small your business is, there's no need for you to be a one-person show — you need to let other people carry some of the load. Delegation in Business provides an overview of tasks you'd be better off delegating or outsourcing while Decide to Delegate provides tips for actually getting on with the job of delegating.

8) Establish routines and stick to them as much as possible.

While crises will arise, you'll be much more productive if you can follow routines most of the time.

For most people, creating and following a routine lets them get right down to the tasks of the day rather than frittering away time getting started.

9) Get in the habit of setting time limits for tasks.

For instance, reading and answering email can consume your whole day if you let it. Instead, set a limit of one hour a day for this task and stick to it. (The easiest way to do this is to assign a solid block of time to this task rather than answering email on demand.)

10) Be sure your systems are organized.

Are you wasting a lot of time looking for files on your computer? Take the time to organize a file management system. Is your filing system slowing you down? Redo it, so it's organized to the point that you can quickly lay your hands on what you need.

11) Don't waste time waiting.

From client meetings to dentist appointments, it's impossible to avoid waiting for someone or something. But you don't need to just sit there and twiddle your thumbs. Technology makes it easy to work wherever you are; your tablet or smartphone will help you stay connected. You can be reading a report, checking a spreadsheet, or planning your next marketing campaign.

Your Time Belongs to You

And here's the most important time management tip of all. You can be in control and accomplish what you want to accomplish — once you've come to grips with the time management myth and taken control of your time.
CSI COLUMBUS CHAPTER CALENDAR

January 2nd, 2017
CSI Board Meeting - 5:30pm
Barley’s Smokehouse, Dublin Rd

January 8th, 2017
Chapter Meeting 11:30am- 1:00pm
“Project Delivery- Quality Assurance”
The Boathouse, Dublin Rd

February 12th, 2018
60th Anniversary Chapter Recognition
Chapter Meeting 11:30am-1:00pm
The Boat House, Dublin Rd

Make a comment in The Comment
Help us make a statement to the industry by making your own statement in our monthly newsletter. We like to showcase the talents of our members. The deadline is the Friday after our monthly meeting. If you are interested in submitting an article and/or project, so it can be featured in The Comment, please contact:
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Adam Olson - Sponsorship Chair adam@oapinc.us P: (614) 507-0023

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<th>Package Price</th>
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<td>Member</td>
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<tr>
<td>Package 1 - Website Only¹</td>
<td>$150.00</td>
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<tr>
<td>This package will provide the advertiser with a business card ad on the website only (no ad in the newsletter). Size: 3” wide x 2” high. Duration: Minimum 10 months from date of graphic approval¹.</td>
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<tr>
<td>Package 2 - Newsletter Only³</td>
<td>$150.00</td>
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<td>This package will provide the advertiser with a business card size (1/8 page) ad in the newsletter only (no ad on the website). Size: 3-1/2” wide x 2” high. Duration: Minimum 10 months from date of graphic approval¹.</td>
<td></td>
</tr>
<tr>
<td>Package 3 - Website &amp; Newsletter Combo³ BEST DEAL</td>
<td>$250.00</td>
</tr>
<tr>
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<td>Five Columbus CSI Business Cards good for one free lunch each, at a monthly chapter meeting to invite a non-CSI member. Sponsor will have the option to use the back of the business card for advertising and will be recognized for their support at the chapter meeting.</td>
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Notes:
₁ CSI Columbus Board has final approval of advertising graphics before the ad will be published.
² Advertisement duration will begin with the next issue after signed agreement has been received.
³ All electronic ads will be linked to the advertiser’s website.

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Can also be done online at http://sponsorcsicolumbus.eventbrite.com

The Columbus Chapter of the Construction Specification Institute
P.O. Box 164052 Columbus, OH 43216
The CSI Columbus Chapter supports students studying Architecture and Construction Management at two local learning institutions.

**Columbus State Community College - Construction Management.**

*The Dean M. Bortz, CSI, CDT Scholarship* is awarded each February to deserving students who identify themselves by application the previous fall. They are selected by their grades, their community involvement and a summary of industry related impressions that include goals.

**The Ohio State University Knowlton School of Architecture.**

*The George A. Van Niel Scholarship* is awarded to deserving graduate architectural students who complete a class project that includes 50 CDT type questions, a letter writing exercise and formation of a 3 part specification section defined by the grading committee.

**Building the Future of Construction Management in Central Ohio**
The Three Gorges Dam is a hydroelectric gravity dam that spans the Yangtze River by the town of Sandouping, located in Yiling District, Yichang, Hubei province, China. The Three Gorges Dam is the world's largest power station in terms of installed capacity. First discussed in the 1920’s, Detailed planning took place in the 1955. 1993 started the construction period, 2003 saw the completion of the first phase and the final generators were operational in 2012. In 2014 the dam generated 98.8 terawatt-hours. Shared this month in case you thought your current civil project was a challenge.