
The Memory Map

Canton Alliance Massillon Computer Users Group



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Crowns and Computers

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Like most professions, dentistry has been deeply impacted by computer technology. Many dentists, for example, have been using digital x-rays. Several months ago in an article entitled Musings on Medicine, I discussed the advantages of using digital radiography, including quicker imaging times and decreased radiation.

Another major facet of dentistry that has been affected by computers has to do with the way dental crowns are made. A crown is a small prosthetic cap that fits over an entire tooth to restore its strength and appearance. A crown may be necessary for a variety of cosmetic and/or functional reasons. A tooth might require a crown if it is broken, racked, heavily decayed, worn, damaged in some way, or compromised by a root canal.

I had a number of crowns made back in the “old days” before the advent of computers. A tray of gooey putty was placed over my teeth for a few minutes and then the impression was sent off to a distant lab where the permanent crown was made. In the meantime, for the next two weeks I had to endure a fragile temporary crown.

All that has changed with CEREC-3d CAD/CAM. CEREC stands for “Chairside Economical Restoration of Esthetic Ceramic Crowns.” CAD/CAM stands for ‘computer assisted design/computer assisted manufacturing.’

CAD/CAM has been used in industry for many years, but dental CAD/CAM applications were not available until the 1980s, and CEREC technology has only become popular in the last decade.

My dentist, Mr. Jeff, DD, was one of the first dentists in Springfield to embrace this technology approximately 10 years ago. He has made several crowns for me with this technique, and it was so much easier than the old method – and much faster, too.

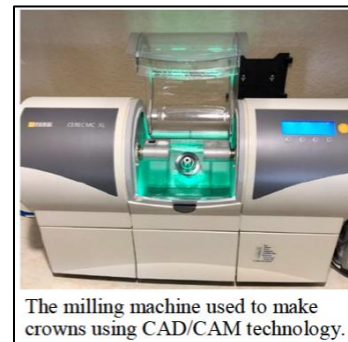
Instead of taking two visits and two weeks to get the permanent crown, it only required about two hours total in one visit to have the new crown made and placed in my mouth.



Here is what is involved: The first thing my dentist does is take a picture using a dental program which allows him to make a 3D map of my teeth, including top and side views. This allows him to design the crown chairside right then and there on his computer monitor, bypassing the need for filling my mouth with goop and sending the impression off to a lab. This computer data is then transferred wirelessly to a milling instrument that carves the crown out of a block of strong nonmetallic ceramic material. A block of a harder material is chosen for back teeth because they are subjected to stronger grinding forces.

The milling machine (about two feet long by one foot wide) takes up to 30 minutes to make the crown, which is then bonded into place in the patient's mouth.

This method is so precise that there is virtually no risk of damage to adjacent teeth. My crowns also have a very natural feel because they are customized to my bite. They blend in well with the rest of my teeth and look and feel natural.



Dr. Jeff estimates he has made approximately 3,000 crowns using CEREC CAD/CAM. Currently only about 20% of dentists in the Springfield area have this technology, so if you need a crown, be sure to check if it is available at your dentist's office and ask how many crowns they have made using it, since like everything else with computers there is a learning curve.

In summary, I am very lucky that my dentist is on the cutting-edge of dentistry and that he could offer me this computer-based technology. I can attest from my personal experience that it is definitely easier, faster, and more accurate than the old method of creating crowns.

Next CAMUG Meeting, October 21

6 PM SIG: Lynda.com demo by Dennis Smith. [Lynda.com](https://www.lynda.com) is available from the Stark Library and offers many online courses.

7 PM Regular Meeting: A sample [Lynda.com](https://www.lynda.com) lesson by Dennis Smith

CAMUG September 2019 Meeting Minutes

After 6 PM, Dennis Smith welcomed our speakers for the evening. Chris and Jim Guld are Geeks On Tour traveling the country in their RV and teaching people about technology. Chris explained that a Google account is required to use the Google apps. Anyone who has a Gmail account also has a Google account. The Geeks talked mostly about Google Photos in the early session. Google Photos is an app for both Apple and Android phones. It provides unlimited cloud storage for high quality photos and videos. Google stores photos, called the Library, by date. You can search the photos by date or by a word. You can also create albums and edit your photos right on your phone. If you are using a computer, you can view the Google Photos Library using a browser and going to [Photos.Google.com](https://photos.google.com). You can also upload photos from your computer to Google Photos.

Regular Meeting



President Dennis Smith called the 433rd meeting of CAMUG to order at 7:10 PM on Monday, September 16, 2019, at Holy Cross Lutheran Church. There were 18 members representing 16 family memberships present. Since that is more than 15% of the membership, the meeting was declared valid. There were two visitors present, our speakers Chris and Jim Guld.

The “On-Time Drawing” was held. The first number drawn was 17 for Liz Milford. Liz was present, was wearing her badge, and was awarded the On-Time Drawing prize.

Dennis reminded members of the renewal credit of \$5.00 for each new member brought in. He also asked members to suggest topics for meetings.

Featured Program: How to Make a Free Website by Chris and Jim Guld

A Blog is a website made up of a collection of dated Posts. You can also create Pages that are outside the dated flow of Posts.

Chris and Jim use www.Blogger.com for their Blog. It is part of Google and is free. Of course, you must have a Google account. To create a Blog in Blogger, go to www.Blogger.com and log in with a Google account. Then Click New Blog and fill out the simple form with the Title of your Blog, URL, and Template. Finally, write a post.

Chris and Jim demonstrated how to write a Post, how to add photos, and how to add links to other websites. They showed how to add Pages like About Our Club on their blog at www.geeksontour.blogspot.com.

They showed how to include a YouTube video in a blog post. Then they showed how to customize your blog by adding a photo in the Blog Header and by adding gadgets in the sidebar of the site for links and text boxes. They demonstrated the Settings menu which is on the Dashboard of your Blog.

The following link contains much of the information they presented: <https://geeksontour.com/videos/blogger-learning-series/>. Some of the videos are free; others require a membership. There is also much free material on [YouTube.com](https://www.youtube.com/); search for Geeks On Tour.

Chris Guld is author of Mrs. Geek's Guide to Google Photos. The www.GeeksOnTour.com website has many videos and tutorials on many technology topics. Many are free. They have a free newsletter: GeeksOnTour.com/news. They also offer a membership for \$68 annually, which gives access to even more information. We were very fortunate they were able to visit our club.

At 8:53 PM, Carol Joliat moved to adjourn the meeting, Chad Wilson seconded the motion, and the meeting was adjourned.

Submitted by,
Liz Milford, Secretary



Chris and Jim Guld, the Geeks on Tour
CAMUG Meeting, September 16, 2019
Photo by Carol Joliat

CAMUG Board Meeting 9/23/2019

President Dennis Smith called the CAMUG Board meeting to order on September 23, 2019, at 7:00 PM at Panera Bread on The Strip in North Canton. Six of the seven Board members were present; therefore, the meeting was declared valid.

President	Present	Dennis Smith	president@camug.com
Secretary	Present	Liz Milford	secretary@camug.com
Treasurer	Present	Tim Elder	treasurer@camug.com
Senior Director	Present	Jan Bredon	directors@camug.com
Director	Present	Bernie Newsome	
Director		Michael Charney	
Director at Large	Present	Carol Joliat	
Web Page		Michael Charney	webmaster@camug.com
Software and Book Review	Present	Jan Bredon	
Membership	Present	Carol Joliat	membership@camug.com
Newsletter	Present	Liz Milford	newsletter@camug.com
Computer 101	Present	Carol Joliat	
Ways and Means	Present	Jan Bredon and Madeline Burkes	

Approval of Minutes:

September Regular Meeting: Jan Bredon moved to accept the September Regular Meeting Minutes as distributed. Bernie Newsome seconded the motion, and the minutes were approved.

August Board Meeting: Bernie Newsome moved that the August Board Meeting Minutes be accepted as printed in the newsletter. Tim Elder seconded the motion, and the minutes were approved.

Reports:

Treasurer's Report: Liz Milford moved to accept the September Treasurer's Report as emailed. Bernie Newsome seconded the motion, and the report was approved.

Membership Report: Carol Joliat reported that we have 25 member families. No one renewed this month.

Discussion October 21st Meeting

6 PM SIG: Lynda.com demo by Dennis Smith. Lynda.com is available from the Stark Library and offers many online courses.

7 PM Regular Meeting: A sample Lynda.com lesson by Dennis Smith

Old Business:

Several members cannot attend our meetings and have requested that the club have a link so they can attend the meetings live online. We discussed this and will investigate various options.

New Business:

The group discussed the program at our meeting last week. Chris and Jim Guld, the Geeks on Tour, visited in person and showed us how to create a blog using blogger.com. Everyone really enjoyed their interesting and informative presentation and talked about creating a club blog. Liz Milford moved that the club create a club blog using Blogspot.com. Tim Elder seconded the motion and the motion passed. Because www.camug.blogspot.com is already taken, ours will be www.camugOH.blogspot.com. Dennis Smith and Jan Bredon will be administrators and Board members will be authors.

Carol Joliat said she and others find that the screen projection used during our meetings is blurry. We will investigate this at the next meeting.

Motion to Adjourn:

At 8:16 PM Jan Bredon moved to adjourn. Carol Joliat seconded the motion, and the meeting was adjourned.

Submitted pending Board approval,
Liz Milford, Secretary

About CAMUG

Our club is open to anyone with an interest in computers and technology. A household membership is only \$20 per year, and a visitor can attend two meetings free without any obligation.

Monthly meetings are held the third Monday of the month at Holy Cross Lutheran Church, 7707 Market Ave. N in North Canton, Ohio. Computer 101 begins at 6:00 PM and the regular meeting begins at 7:00 PM. At every meeting, we cover topics ranging from cell phones to computers and from software to the internet and networking. Board meetings are held the fourth Monday of the month at 7:00 PM at Panera Bread on The Strip. Members are encouraged to attend the Board meeting although only Board members can vote.

The club mailing address is CAMUG, PO BOX 80192, Canton, OH 44708, and the website is <http://www.camug.com>.

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CAMUG is a member of the Association of Personal Computer User Groups. APCUG is a worldwide organization that helps groups devoted to the world of technology by facilitating communications between member groups and industry. It offers the Virtual Technology Conferences, provides newsletter articles, and has a list of speakers for club programs

Membership Report

September 2019

by Carol Joliat



Total Family Memberships – 25
Renewals: None



CAMUG Monthly Summary

Tim W. Elder, Treasurer 9/16/19

	Cash	Checking	Total
Start Balances	\$60.00	\$1733.04	\$1793.04
Total Income	\$48.00	\$0.00	\$48.00
Total Expenses	\$45.00	\$74.62	\$119.62
Transfer	-\$3.00	\$3.00	\$0.00
End Balances	\$60.00	\$1661.42	\$1721.42

CAMUG Officers

President: Dennis Smith 330-477-5893

Secretary: Liz Milford 330-896-4284

Treasurer: Tim Elder 330-875-2323

Senior. Director: Jan Bredon

234-564-0045

Director: Bernie Newsome 330-232-5083

Director: Mike Charney 330-833-0329

Director at Large: Carol Joliat

Membership: Carol Joliat

Asst. Membership: Alice Lungociu

Web Page: Mike Charney 330-833-0329

Newsletter: Liz Milford 330-896-4284

Tim Elder 330-875-2323

Computer 101: Carol Joliat

Ways and Means: Jan Bredon

Madeline Burkes

List of Members

Name	E-Mail
Albright, Jim	jima
Bredon, Jan	janb
Brugger, Bruce	bruceb
Burkes, Madeline	madelineb
Chapman, Lila	lilac
Charney, Michael	michaelc
Conley, Rose	rosec
Dingman, Morris	morrisd
Elder, Tim	time
Hahn, Gary	garyh
Hill, Susan	susanh
Hirst, Gina	ginah
Hirst, Robert	roberth
Joliat, Carol	carolj
Klipec, Bruce	brucek
Kramer, Cecelia	ceceliak
Lungociu, Alice	alicel
McCoy, Myra	myram
Milford, Elizabeth	elizabethm
Newsome, Bernard	bernardn
Noyd, Hal	haln
Parker, Cherie	cheriep
Ponzani, Doris	dorisp
Schaefer, Gerald	geralds
Smith, Dennis	denniss
Wildson, Chad	chadw

To email members, use the email
name above followed by
@camug.com

Visit our Home Page

<http://www.camug.com>

**Need help
with your electronic gadgets?**



Canton Alliance Massillon Users Group
Computer Users Group

Assistance for users of all ages and skill levels

When: 3rd Monday each month

Where: Holy Cross Lutheran Church
7707 Market Ave. N
North Canton OH

Time: 6pm Computer 101 (Less Advanced)
7pm Main Meeting

Ongoing topics include:

Computers	Tablets	Digital photography
Smart phones	eBooks	Toys & Gadgets

www.camug.com