



THE SEED

A Newsletter From Your...

DENVER APPLE PI
Macintosh User Group

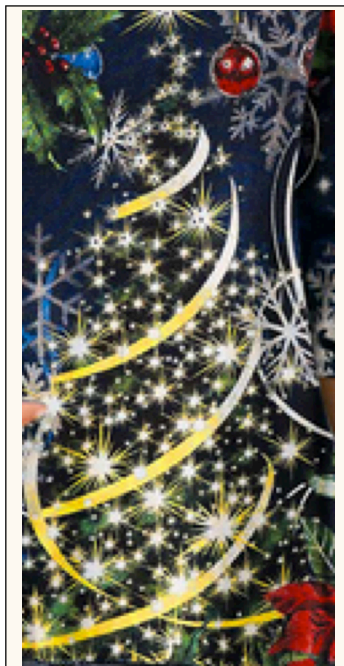
December 2019

<http://www.denverapplepi.com>

Vol. 40, No. 12

Denver Apple Pi
Mac SIG & Help SIG Meetings are held at
Applewood Community Church
12930 W 32nd Avenue
Golden CO 80401
7 to 9 pm
SEE WEBSITE FOR MAP

2019 Calendar		
Christ- mas Party	Dec 17*	3rd Tues
Help SIG	Dec 19*	3rd Thur
*Applewood Community Church may have shelter obligations on these dates. Party date will remain on Dec 17 unless notified.		



Bring your
spouse
and/or
friend and
we'll see you
there.

Table of Contents

DAPI Membership Dues	2
Coming Events	2
Reminders	2
Wanted, Computer for Senior Citizen.....	2
Pixar Exhibit at Denver Museum of Nature and Science	2
Pixar Films and Steve Jobs	2
Apple to Use Carbon-Free Aluminum	3
Apple Environmental Report.....	4
Keyboard Issues with MacBook and MacBook Pro from 2015 – 2019	4
DAPI 2020 Calendar Thru June	5
Future Secret Codes	5

DAPI CHRISTMAS PARTY
APPLEWOOD COMMUNITY CHURCH
TUESDAY, DECEMBER 17, 2019
7 – 9 PM

Bring finger food: cookies, chips, candy,
dip or your favorite Christmas hors
d'oeuvres. DAPI will provide punch,
napkins, plates, forks, spoons and
cups.

MEMBERSHIP DUES FOR DECEMBER 2019

Ellen Drumright	Saundra Mitchell
Annette Rau	D. Lee Taylor

Membership dues for DAPi are \$15 per year and you will receive the monthly newsletter, *The Seed*, via email in PDF format. If you prefer, you can pay \$20 and receive a snail mail copy of the newsletter. You can bring your payment to the monthly meetings or you can mail your remittance to the club mailing address: Denver Apple Pi, 6501 Welch Court, Arvada, CO 80004.

**COMING EVENTS - TBA****REMINDERS:**

- Help SIG—Call Elissa to get your name/problem on the list so our DAPi Help people will be prepared. You will need to bring your computer, your own power cord, mouse, and keyboard. Elissa will keep a sign-up list for those asking for help at the Help SIG meetings so members can be helped in a prioritized way. Drop-ins are welcome. Contact Elissa at elissamc@comcast.net or at 303.421.8714.
- Tom King says if you have questions about Excel for Mac, the spreadsheet software program, bring your questions to the Help SIG meeting. Please call Elissa in advance.
- Need help with iPad, iPhone? If you would like assistance with navigating and synchronizing your iPad and iPhone, bring them to the Help SIG meeting. Notify Elissa what help you need, and we will try to get the problems resolved.

**PIXAR EXHIBIT AT DENVER MUSEUM OF NATURE AND SCIENCE**

"The Science Behind Pixar" - October 11, 2019 – April 20, 2020

Special Tickets Required

"With more than 50 interactive elements, the exhibition's eight sections each focus on a step in the filmmaking process to give you an unparalleled view of the production pipeline and concepts used at Pixar every day," says the advertisement from the DMNS about the Pixar exhibit. DAPi member Darlene recommends this exhibit that will travel to eight museums worldwide, including one in Japan.

A list of the 21 films Pixar films has made is available on Wikipedia. Some familiar films include: *Toy Story*, *A Bug's Life*, *Monsters*, *Finding Nemo*, *Cars*, *The Incredibles*, etc.

**PIXAR FILMS AND STEVE JOBS**

Pixar Films was developed by LucasFilm (Star Wars, Indiana Jones) for digital compositing. After Steve Jobs was forced out of Apple in 1985, he founded NeXT computer but was eyeing LucasFilm as a potential acquisition for NeXT. In 1986, Jobs bought LucasFilm; eventually he sold off Pixar's hardware division to Viacom. Although it took a long time for technology at Pixar to become cheap enough to succeed as a graphics production company, *Toy Story* became the first feature-length animated film premiering in 1995 during the holiday season. Disney provided the distribution for

Toy Story worldwide and earned \$360 million.

After the release of Toy Story, Pixar went public with stock price of \$22 per share. At that time, Disney and Pixar split revenues from the movies. Pixar handled the production and Disney handled the distribution, marketing, etc. Steve Jobs wasn't satisfied with the revenue arrangement and couldn't reach a deal with CEO Eisner of Disney, so he went shopping for a new partner. After Eisner left Disney in 2005, Jobs resumed negotiations with Disney and, after making successful movies for Disney, Disney acquired Pixar for \$7.4 billion. Steve Jobs became the largest Disney shareholder, holding about 7% of the company's shares.

Quote from Steve Jobs: "I think if you do something and it turns out pretty good, then you should go do something else wonderful, not dwell on it for too long. Just figure out what's next."



APPLE TO USE CARBON-FREE ALUMINUM

Apple has purchased their first "commercial batch" of aluminum that is carbon free, says a December 5, 2019, *Appleinsider* report by Amber Neely. This first batch of carbon-free aluminum has been made in a facility outside of Pittsburgh, PA. The new process developed by Elysis, a Canadian company, will lessen the environmental impact of smelting aluminum. When implemented worldwide, it will significantly lessen the greenhouse gasses emitted during aluminum smelting.

A May 20, 2018, news release from Apple said: Aluminum giants Alcoa Corporation and Rio Tinto Aluminum today announced a joint venture to commercialize patented technology that eliminates direct greenhouse gas emissions from the traditional smelting process, a key step in aluminum production. Elysis received [\\$144 million in funding](#) from the two companies, Apple, and Canadian and Quebecois governments.

Elysis plans to manufacture carbon-free aluminum at a \$50 million CAD facility being built in Quebec that is expected to open in late 2020. Commercial production is hoped for in 2024.

This new process uses a ceramic anode during the smelting process and emits only oxygen as a waste product.

The current process used in aluminum smelting involves passing an electrical current through a carbon anode. The carbon is burned off resulting in carbon dioxide CO₂, carbon monoxide CO, sulfur dioxide SO₂, and hydrogen fluoride HF gas emissions being released into the atmosphere.*

*Note: Gasmeter, a Finnish high tech company that develops, manufactures and markets gas analyzers and monitoring systems, placed this data on their website



APPLE ENVIRONMENTAL REPORT

Read Amber Neely's October 9, 2019 report that demystifies what Apple says in its environmental report. Using data from Apple, the report puts in perspective what Apple

has done to mitigate its environmental impact. This doesn't mean that Apple has eliminated all its environmental impacts but it has added solar and wind facilities for power supplies. Apple has reduced the amount of packaging per unit that cuts down on packaging waste. However, since Apple continues to sell more product, this means that there is still an increase in packaging waste to dispose of, but less waste per unit. Additionally, Apple's contribution to Elysis to develop carbon-free aluminum smelting will contribute to world-wide reduction of carbon emissions into the atmosphere. Apple is ahead of many worldwide companies in reducing their environmental impact.

<https://appleinsider.com/articles/19/10/09/apple-environmental-report-demystified---what-it-all-means-to-the-consumer>



KEYBOARD ISSUES WITH MACBOOK AND MACBOOK PRO FROM 2015 – 2019

Since Apple introduced the "butterfly design" laptop keyboard in 2015, some users have experienced keyboard problems including sticky keys, repeating keys, and keys that don't work period. This elegant but troubled design was introduced to make the MacBook thinner. Reports tell us that the less elegant but more reliable "scissor design" will be reintroduced in the Apple MacBook lineup beginning in 2020.

The keyboard issues became prominent enough so that in 2019, four years after the initial retail sale, media reporters (not Apple) described the continuing problems. Reports were published by the *Wall Street*

Journal, *The Business Insider*, and on YouTube by tech writers who described the problems. There were several interim fixes for the keyboard that didn't eliminate the problems. In 2019, Apple issued its first apology to MacBook owners still experiencing the keyboard issues. Apple provided a link, <https://support.apple.com/keyboards-service-program-for-mac-notebooks> so owners could investigate a keyboard service program for sixteen specific MacBook models dating from the MacBook (Retina, 12-inch Early 2015), to the MacBook Pro (15-inch, 2019). Go to the above Apple Support website to see all the models listed as well as the limitations on what Apple service program may provide. Apple says if you've had your keyboard repaired already because of these problems (issues), you may be eligible for a refund. The type of service will be determined after the keyboard is examined and may involve the replacement of one or more keys or the whole keyboard. Online comments about this "issue" include:

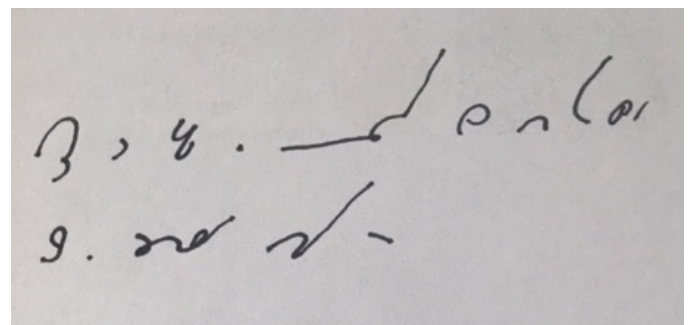
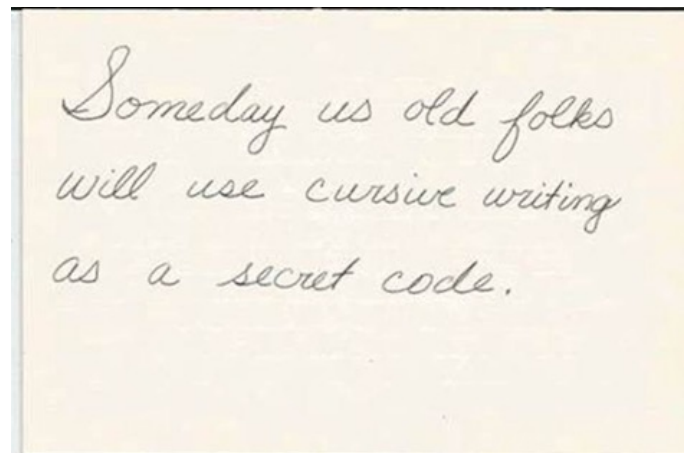
- Imagine how much better the thermals, battery life, and key travel could be if they made the laptops a mm or two (gasp) thicker.
- My 2010 MBP is still running great. The keyboard is a joy to use. In the future I plan to spend exactly ZERO dollars for any 2016 thru 2019 MacBook.



DAPI 2020 CALENDAR THRU JUNE

2020 Calendar		
Mac SIG	Jan 21	3 rd Tues
Help SIG	Jan 23*	4 th Thurs
Mac SIG	Feb 18	3 rd Tues
Help SIG	Feb 27	4 th Thurs
Mac SIG	Mar 17	3 rd Tues
Help SIG	Mar 26	4 th Thurs
Mac SIG	Apr 21	3 rd Tues
Help SIG	Apr 23*	4 th Thurs
Mac SIG	May 19	3 rd Tues
Help SIG	May 28	4 th Thurs
Mac SIG	Jun 16	3 rd Tues
Help SIG	Jun 25	4 th Thurs

* Same week as Mac SIG

**FUTURE SECRET CODES**

Gregg Shorthand



Denver Apple Pi Membership Information

Denver Apple Pi (DAPI) is an Apple Computer Users Group, not affiliated with Apple Inc. The Seed is an independent publication not affiliated or otherwise associated with or sponsored or sanctioned by Apple Inc. The Opinions, statements, positions and views stated herein are those of the author(s) or publisher and are not intended to be the opinions, statements, positions or views of Apple Inc. Articles, stories, and other items in The Seed may be copied or used by other clubs or groups as long as credit is given to Denver Apple Pi and the author of the article. On reprints, please also include the date or volume number from The Seed.

Membership Form

Date _____ ☐ Renewal ☐ New ☐ Change
 Name _____
 Address _____
 City _____
 Phone(s) _____
 Email _____
 Kind of Computer: Apple II _____ GS _____ Mac _____ OS _____

MEMBERSHIP DUES are \$20.00 per year for a monthly hard copy of The Seed and \$15.00 per year for a monthly PDF copy. Fill in the form below or ask for an application to send with your check to the Club mailing address: DENVER APPLE Pi, 67501 Welch Ct, Arvada CO 80004. For information, call Elissa McAlear at 303.421.8714 about Apple II, GS and Mac. Email elissamc@comcast.net. Our web site is: <http://www.denverapplepi.com>

Mac SIG meets the THIRD Tuesday of the month, 7:00 to 9:00 p.m.
 Troubleshooter Group Help SIG meets the FOURTH Thursday of each month from 7:00 to 9:00 p.m. unless a holiday necessitates a change. Seed articles should be mailed to jjetherton@comcast.net, subject: Seed article.

Denver Apple Pi Officers

President _____ Larry Fagan
 Vice President (Mac) _____ Tom King
 Vice President (Help) _____ Tammy Hanson
 Secretary _____ Elissa McAlear
 Treasurer _____ Larry Knowles
 Membership Chair _____ Herman Pflueger

 Appointees:
 Web Master: _____ Tammy Hanson
 Seed Editor: _____ Joyce Etherton
 Web Monitor: _____ Darlene Boord

**Denver Apple Pi
 6501 Welch Court
 Arvada CO 80004-2333**

**FIRST CLASS MAIL — DATED
 MATERIAL**

Return Service Requested

