

**Welcome to the Mac SIG Meeting**  
**March 28, 2017**

*Backing Up Your Mac  
Using Time Machine*

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- Backing up your computer is one of the most crucial things you need to do when it comes to properly maintaining your machine.
- Most of your photos, videos, music and pretty much all of your other files are located here, and if something were to happen to your computer, such as a failed hard drive, You would lose absolutely everything, unless you had all those files backed up. "Hardware experts" claim "It's not IF your hard drive fails, it's WHEN!"
- You might think that backing up all your files is tedious but Apple has made it quite easy and convenient to do so.
- Apple's utility **Time Machine** makes backing up your computer reasonably simple. Today's talk will get you started. You will be shown how to set up your backup process and how to restore from a **Time Machine** backup.

- You need at least one external hard drive to use as a backup device., Apple Store, Best Buy, Walmart, Costco, Target and [amazon.com](https://www.amazon.com) are some of the places you can go to see various brands and sizes of drives to use. Drive capacities and costs vary widely.

- A recent search on the internet for “Apple backup external drives” resulted in the following:

The screenshot shows an Amazon search results page for "apple backup external drives". The page displays six product listings, each with a product image, title, price, and features. The search results are filtered by "Computers & Accessories" and "External Hard Drives". The products listed are:

- Seagate Backup Plus Slim 1TB Portable External Hard Drive for Mac USB 3.0 (STDS100190)**: \$594, Get it by Wednesday, Mar 29, FREE Shipping on eligible orders. Product Features: Create easy customized backup plans with included Seagate Dashboard software.
- WD 1TB Back My Passport for Mac Portable External Hard Drive - USB 3.0 - WDBKFP0010BBK-WESN**: \$594, Get it by Wednesday, Mar 29, FREE Shipping on eligible orders. Product Features: Trusted drive built with WD reliability.
- WD 2TB Back My Passport for Mac Portable External Hard Drive - USB 3.0 - WDBM4002BBK-WESN**: \$755, Get it by Wednesday, Mar 29, FREE Shipping on eligible orders. Product Features: Trusted drive built with WD reliability.
- Seagate Backup Plus 4 TB Portable External Hard Drive for Mac with Mobile Device Backup USB 3.0 (STDS400040)**: \$1199 (Save \$200), Get it by Wednesday, Mar 29, FREE Shipping on eligible orders. Product Features: Create easy customized backup plans with included Seagate Dashboard software.
- Seagate Backup Plus Hub for Mac 4TB External Desktop Hard Drive (STEM40040)**: \$1199 (Save \$200), Get it by Wednesday, Mar 29, FREE Shipping on eligible orders. Product Features: ... device, and back up all of the ... to your Seagate drive or to the cloud ...
- Seagate Backup Plus Slim 2 TB Portable External Hard Drive for Mac with Mobile Device Backup USB 3.0 (STDS2000190)**: \$599, Get it by Wednesday, Mar 29, FREE Shipping on eligible orders. Product Features: ... is included when you register a new Backup Plus drive (\$95 US value) ...



Home » External Drives and Enclosures

# G-Technology 500GB G-DRIVE Mobile Combo

Mac / PC / USB 3.0 / Firewire 800

### Portable FireWire® Drive for Apple MacBook Pro®

G-DRIVE mobile features USB 3.0 and FireWire® interfaces, exceptional throughput performance - making it the perfect storage option for portable use. It's Time Machine® ready so backing up all of those important documents, music, digital video and photos, is easy! Also the G-DRIVE mobile is bus powered, and that means when you're on your way out, you don't need to add an external AC power supply to your laptop case.

### Easy to Setup - Time Machine® compatible!

G-DRIVE mobile comes preformatted HFS+ with Journaling and is Time Machine® compatible right out of the box! A simple initialization is all it takes to prepare G-DRIVE mobile for use with Windows® systems!

### Warranty & Support

G-DRIVE mobile is backed by a standard 3-year limited warranty and unlimited free technical support by representatives experienced with the latest content creation applications.



### Highlights

- USB and FireWire
- Formatted for Mac, and easily reformatted for Windows
- Stylish aluminum design
- All cables included
- Bus powered— Eliminates the need for a power connection
- Bus powered, no AC adapter required
- G-Technology 3 Year Limited Warranty

## G-Technology 500GB G-DRIVE Mobile Combo

Mfr P/N: 0G02384  
MacSales.com SKU: GTC0G02384

Features USB 3.0 for use as a stand-alone external drive and SATA port for use with the G-DOCK ev.

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### Additional Capacities:

500GB

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### Recommended Items:

 **USB 3.0 Cables**  
USB 3.0 connecting cables  
**From \$0.28**

 **2.0TB G-Technology**  
2TB G-DOCK ev— Dual dock  
RAID solution  
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### Seagate - Backup Plus Slim for Mac 1TB External USB 3.0 Portable Hard Drive - Silver/Black

Model: STDS1000100 SKU: 3137024 4.7 (2,384) 68 Questions, 241 Answers



Click or tap to enlarge



The Save feature of this 1TB Seagate Backup Plus Slim for Mac STDS1000100 external hard drive allows you to easily back up digital content from your favorite social networks. The slim, metal design makes it simple to transport the hard drive.



[Drives and Storage Buying Guide >](#)

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UPGRADE FOR \$40



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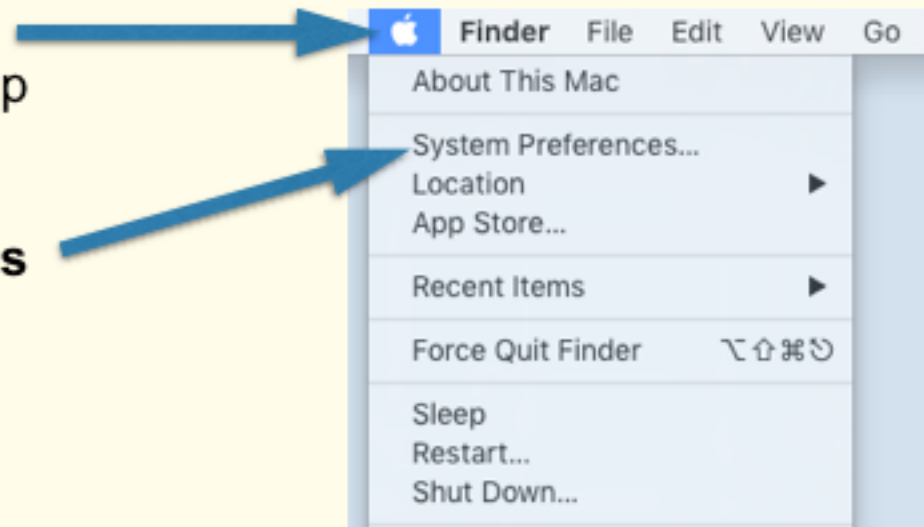
[Compare Models](#)

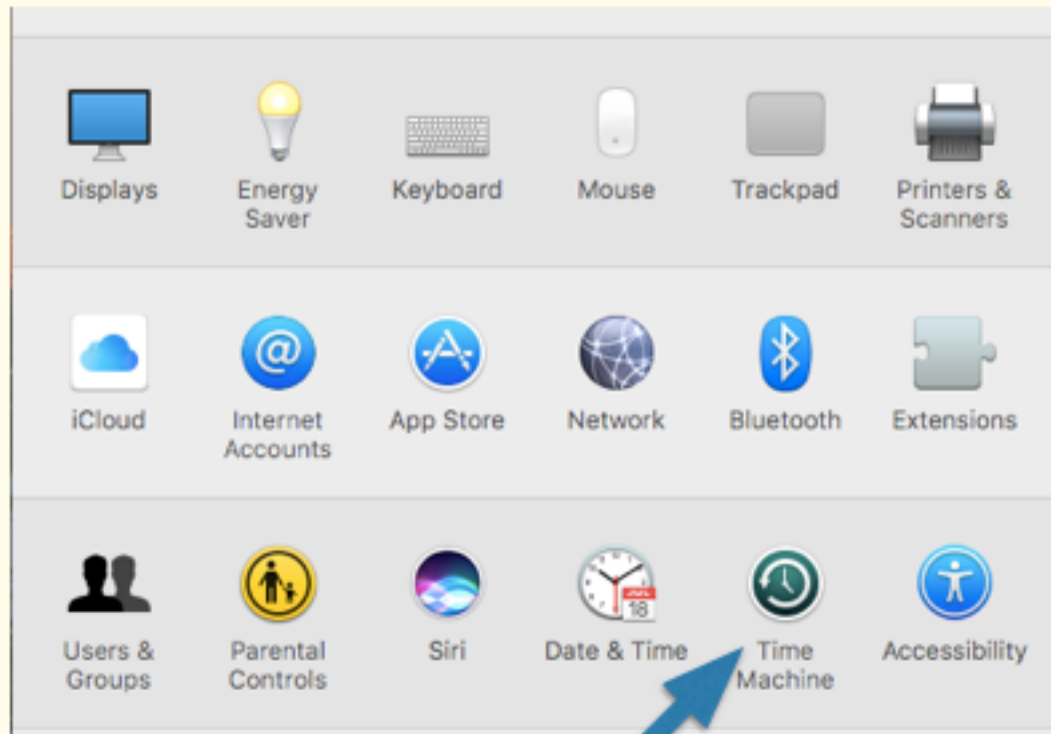
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# Enabling Time Machine

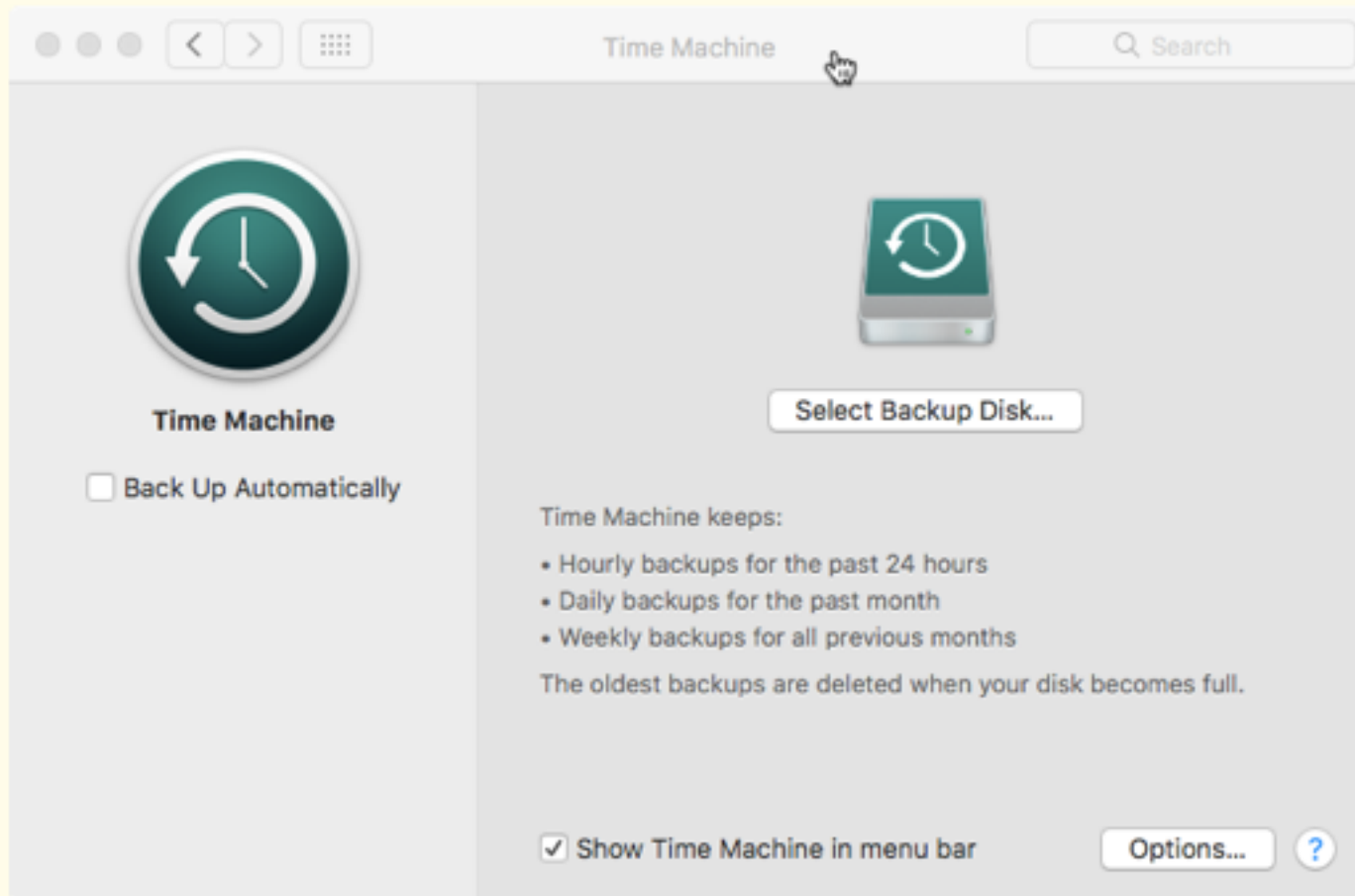
- Now that you have an external drive, you have to enable ***Time Machine*** and set up the external drive(s) you want to use.
- Click on the black apple in the upper left corner of your desktop
- Then click **System Preferences**



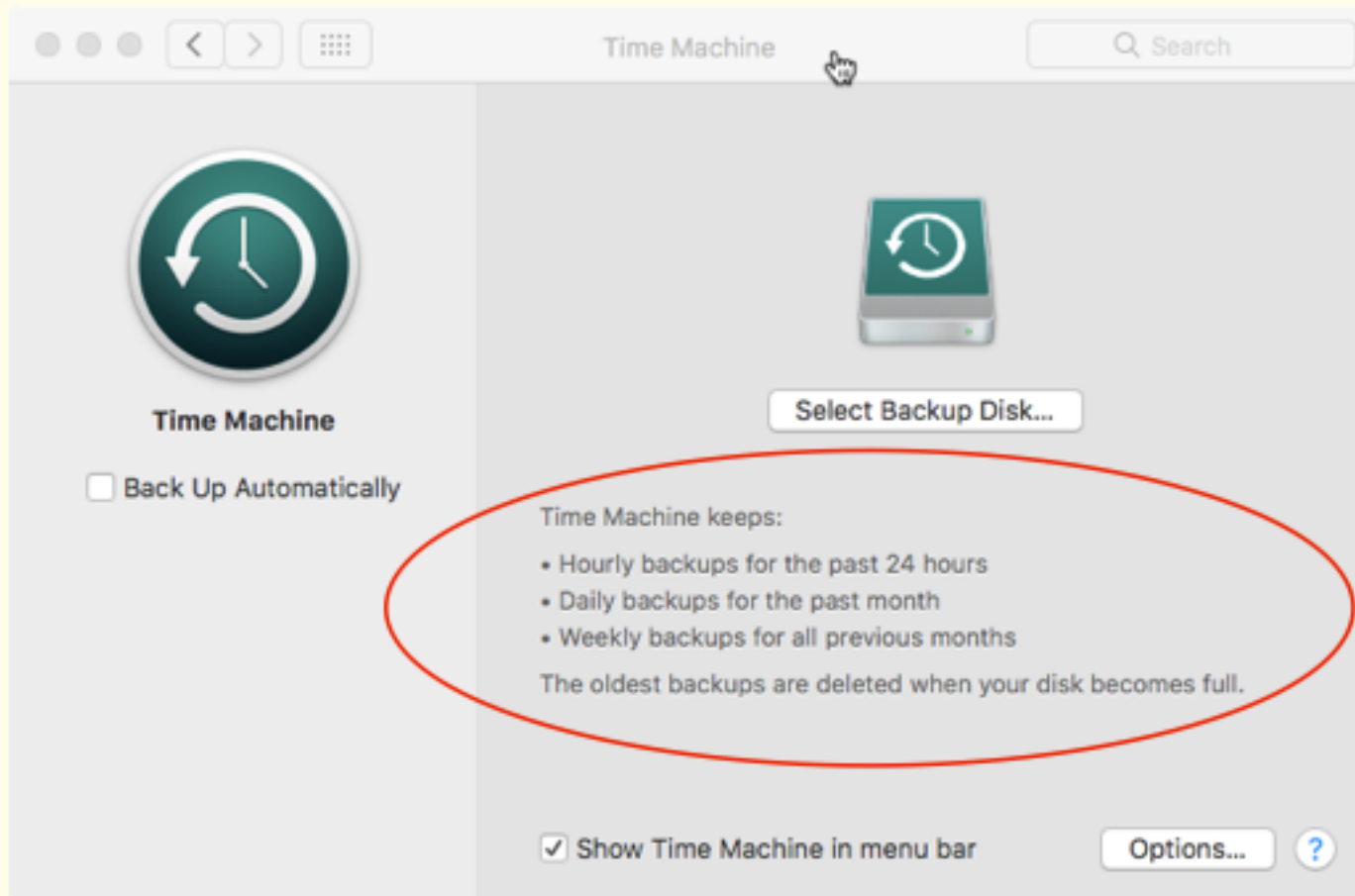


- Then click on ***Time Machine***

- You should then see the ***Time Machine*** control panel which looks like this:



- You should then see the ***Time Machine*** control panel which looks like this:



● A closer view of the text:

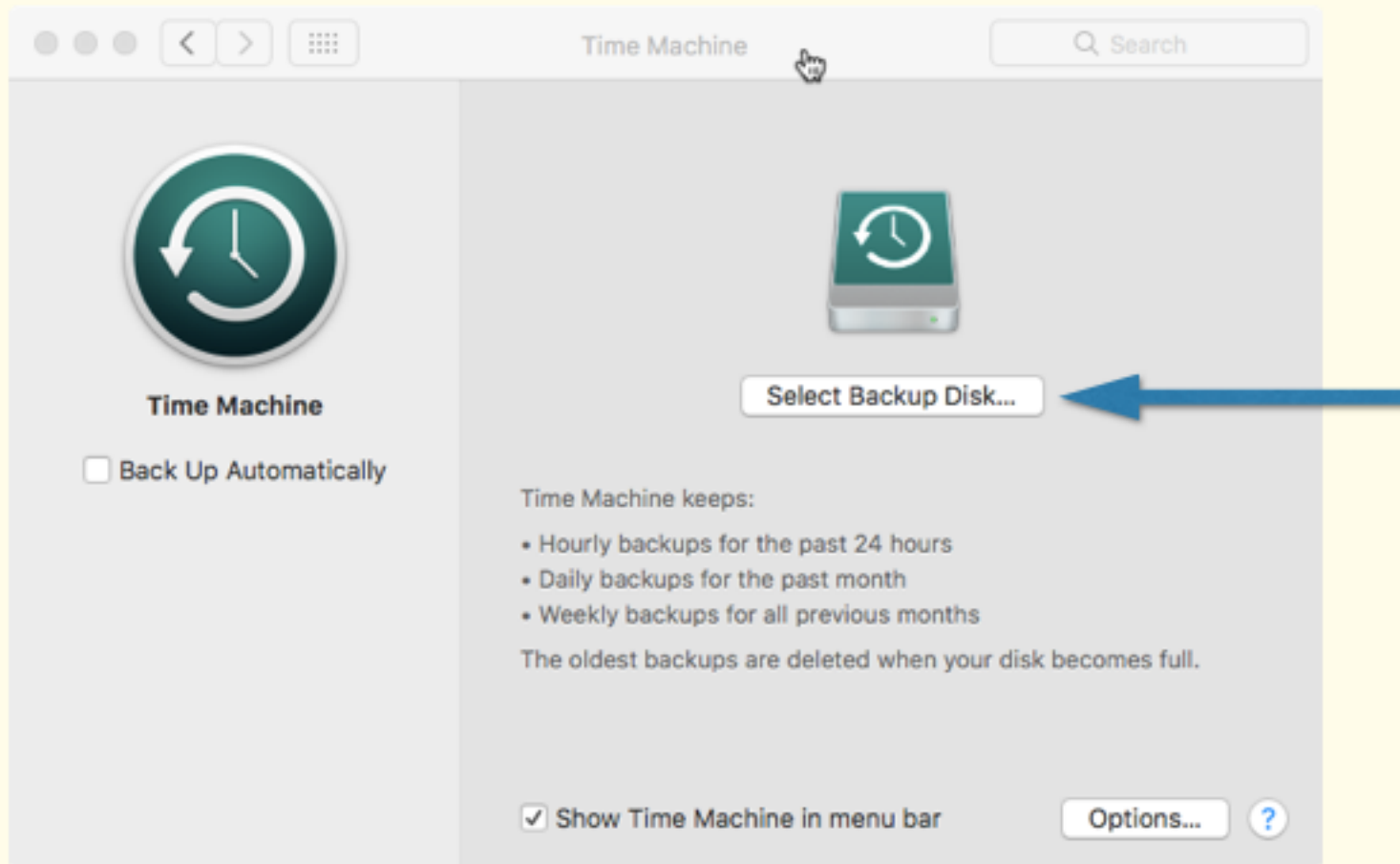
Time Machine keeps:

- Hourly backups for the past 24 hours
- Daily backups for the past month
- Weekly backups for all previous months

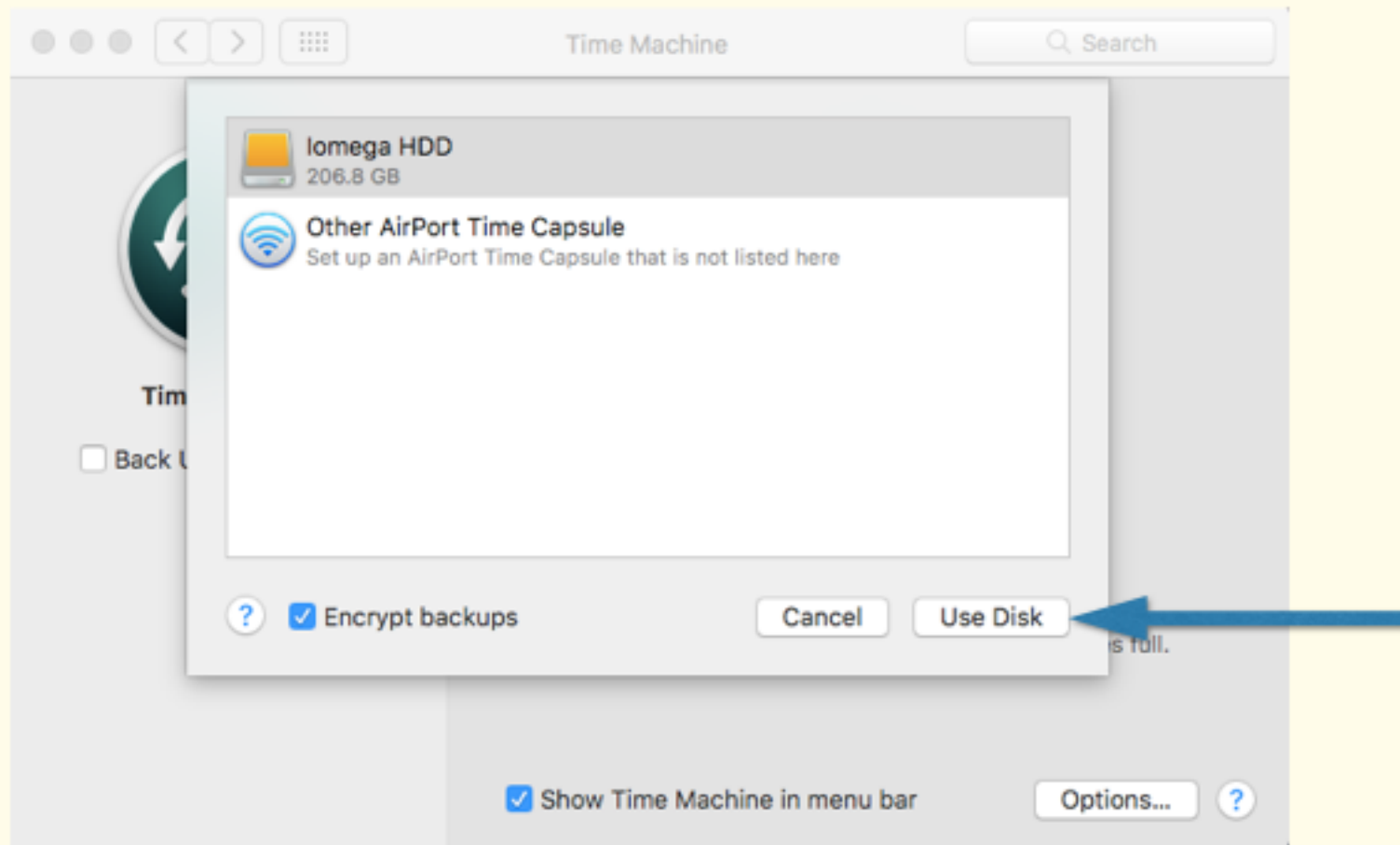
The oldest backups are deleted when your disk becomes full.

- At this point, make sure that your new drive is plugged into your computer via the cable.
- There are various types of cables with connectors such as firewire 800, USB and thunderbolt. If you have an older laptop or desktop, thunderbolt will not be an option.
- The most common connection now is a USB 3.1 which is backward compatible with the older USB 2.0
- Keep in mind that stores such as Radio Shack and Apple can help you with figuring out these kind of issues. If you have a laptop in with you.

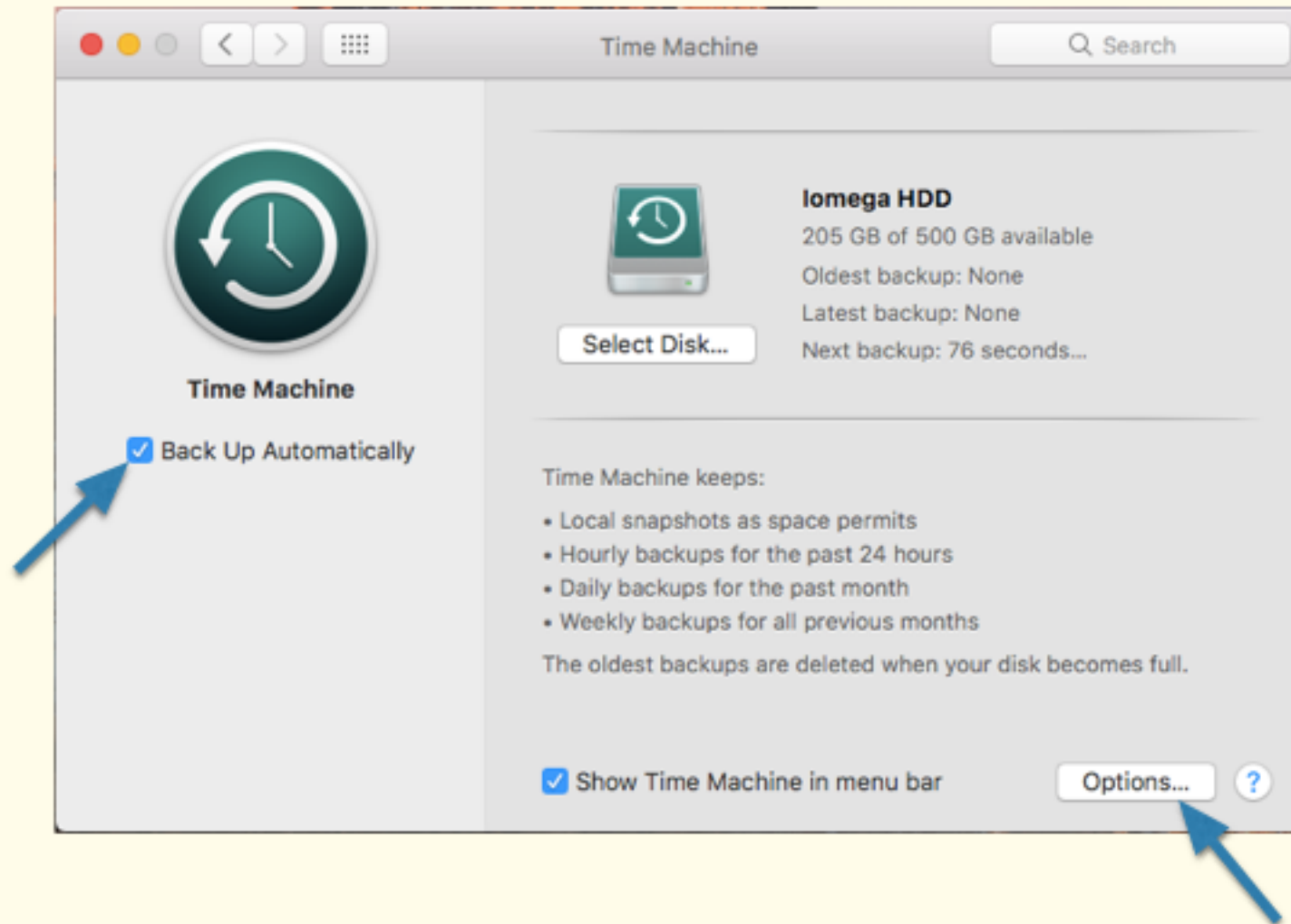
- Click on “Select Backup Disk”:



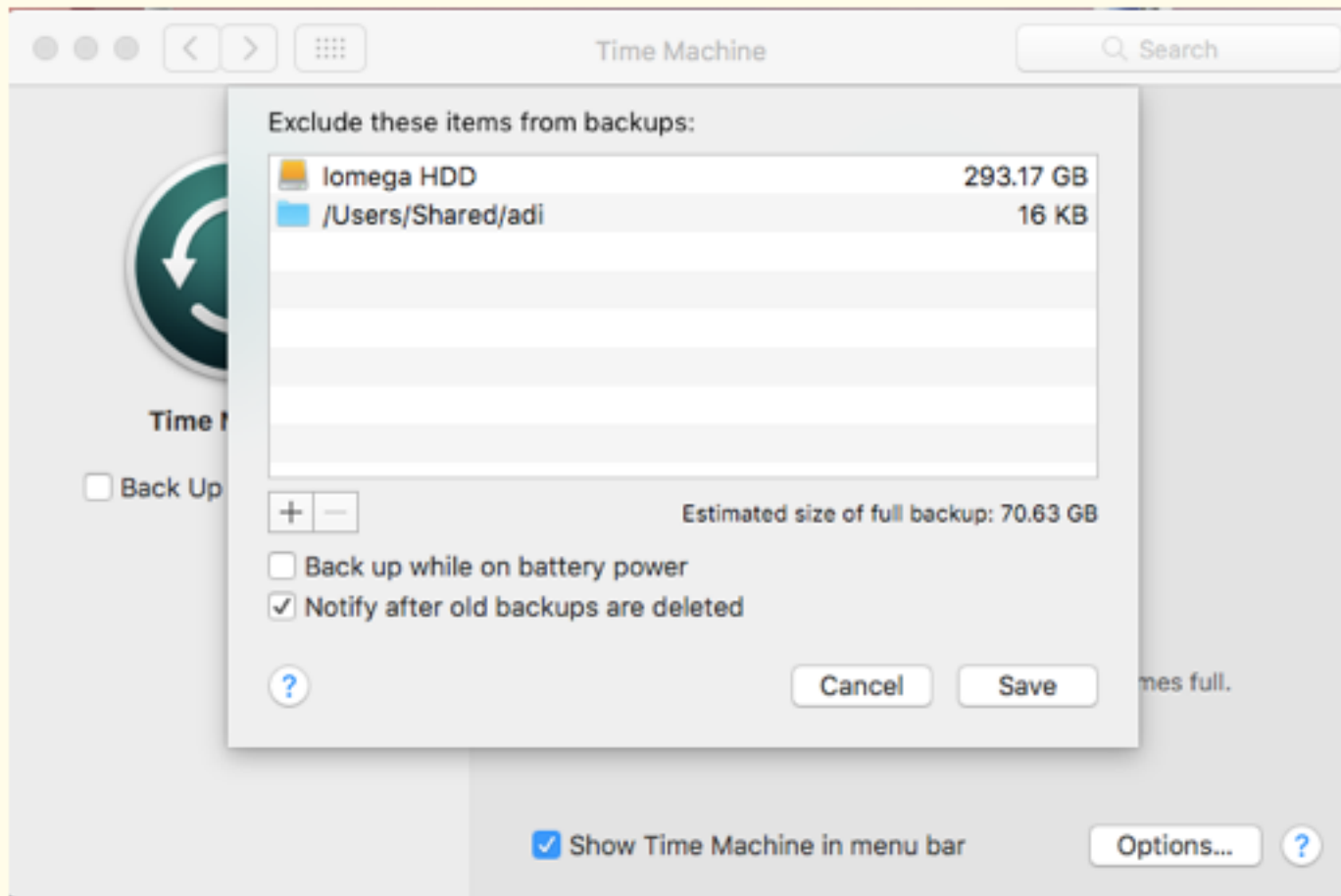
- This secondary window comes up; highlight your new drive:
- For extra security, choose “Encrypt backups”
- Click on “Use Disk”



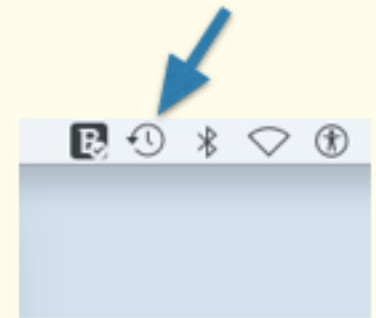
- You will then see this information:
- Note that “Back Up Automatically” is checked by default:
- When this is checked, always keep a backup drive hooked to your computer



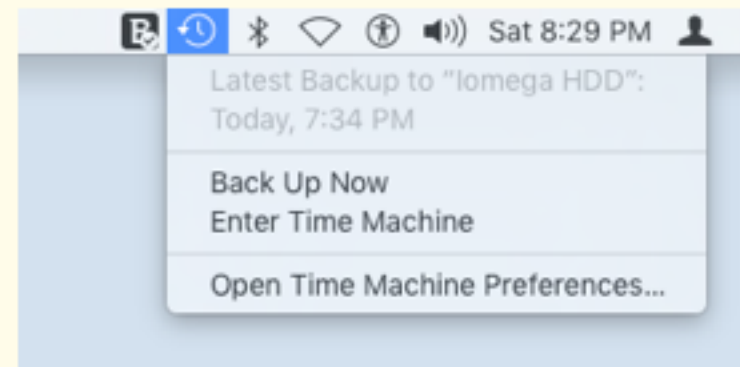
- Options will give you the choice of excluding folders or other drives from being backed up:



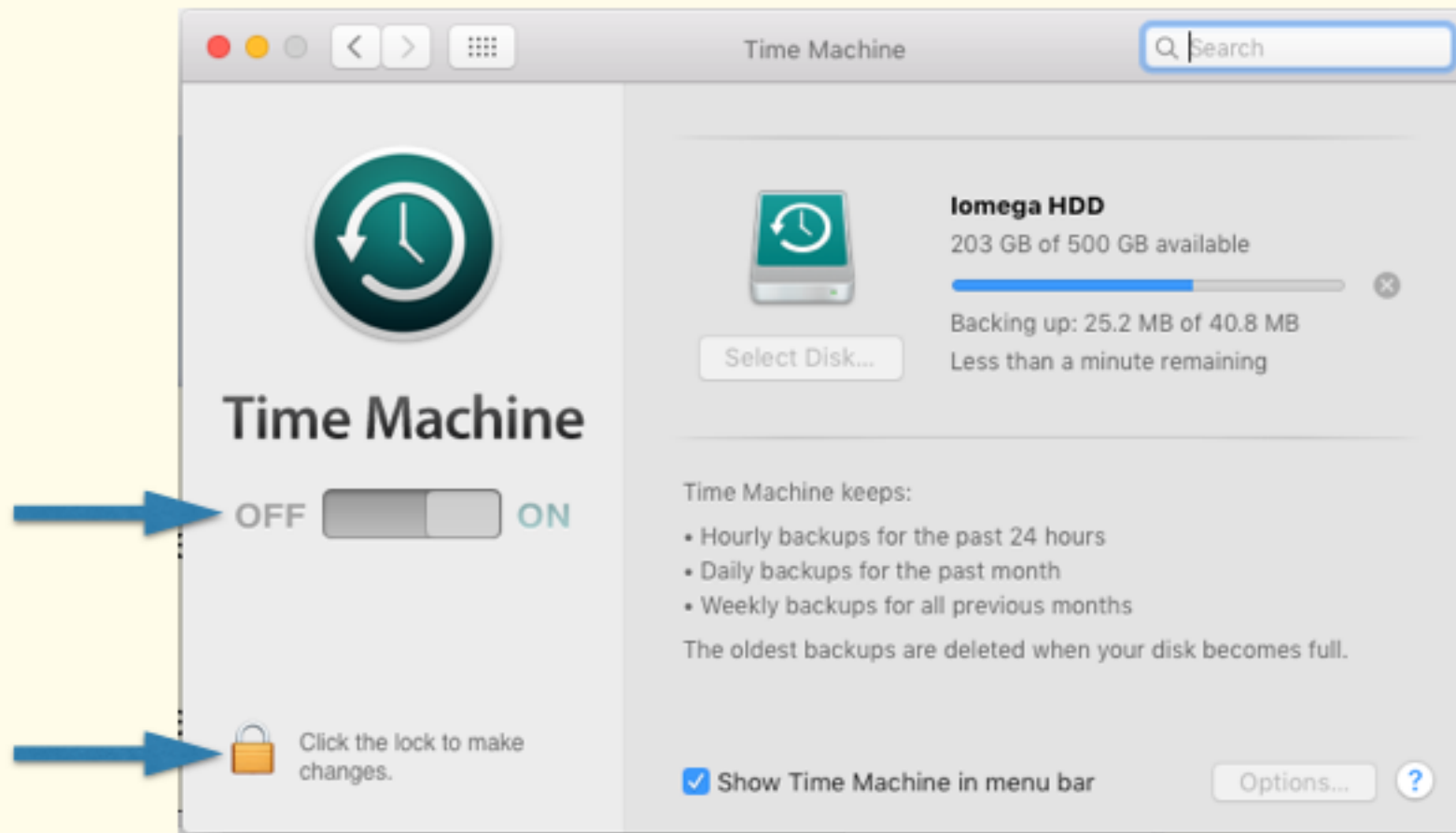
- Checking “Show ***Time Machine*** in the menu bar” will put a small icon into the top right menu on your desktop:



- and clicking on the icon will bring up this submenu:

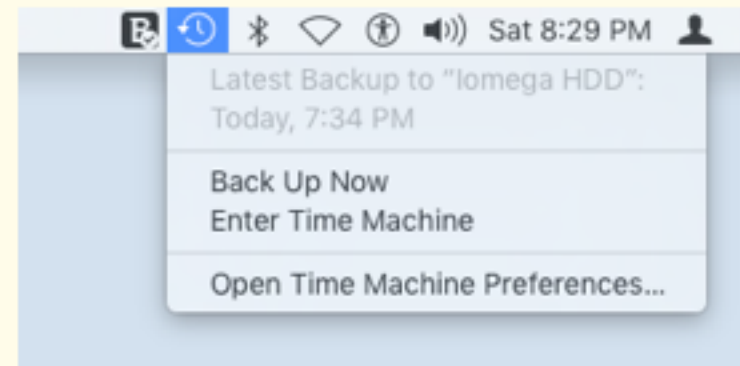


- This gives you these choices:
  - Back Up Now (back up a project that you just finished)
  - Enter Time Machine (next section of our talk - restoring from ***Time Machine***)
  - Open Time Machine Preferences
- Opening "Time Machine Preferences..." opens the same window that you saw in the previous slide with one exception as shown in the next slide.



- If you want to turn ***Time Machine*** OFF, you must click the lock icon first. This asks for a password which by default is your logon password.

- and clicking on the icon will bring up this submenu:



- This gives you these choices:
  - Back Up Now (back up a project that you just finished)
  - **Enter Time Machine (next section of our talk - restoring from Time Machine)**
  - Open Time Machine Preferences
- Opening “Time Machine Preferences...” opens the same window that you saw in the previous slide with one exception as shown in the next slide.

# Restoring from a Time Machine Backup

- Once you are using *Time Machine* for awhile, you should practice retrieving files from *Time Machine* so that you can assure yourself that it does work and you will be ready when a real emergency happens
- You can recover a number of items from *Time Machine* such as document files, whole folders containing documents and files within iCloud Drive
- For restoring files from your desktop, start with your desktop view then choose “Enter Time Machine” from the icon in the upper right hand corner of the desktop menu
- For restoring files that are stored within Finder, open up a Finder window on your desktop and then choose “Enter Time Machine” in the same manner as above

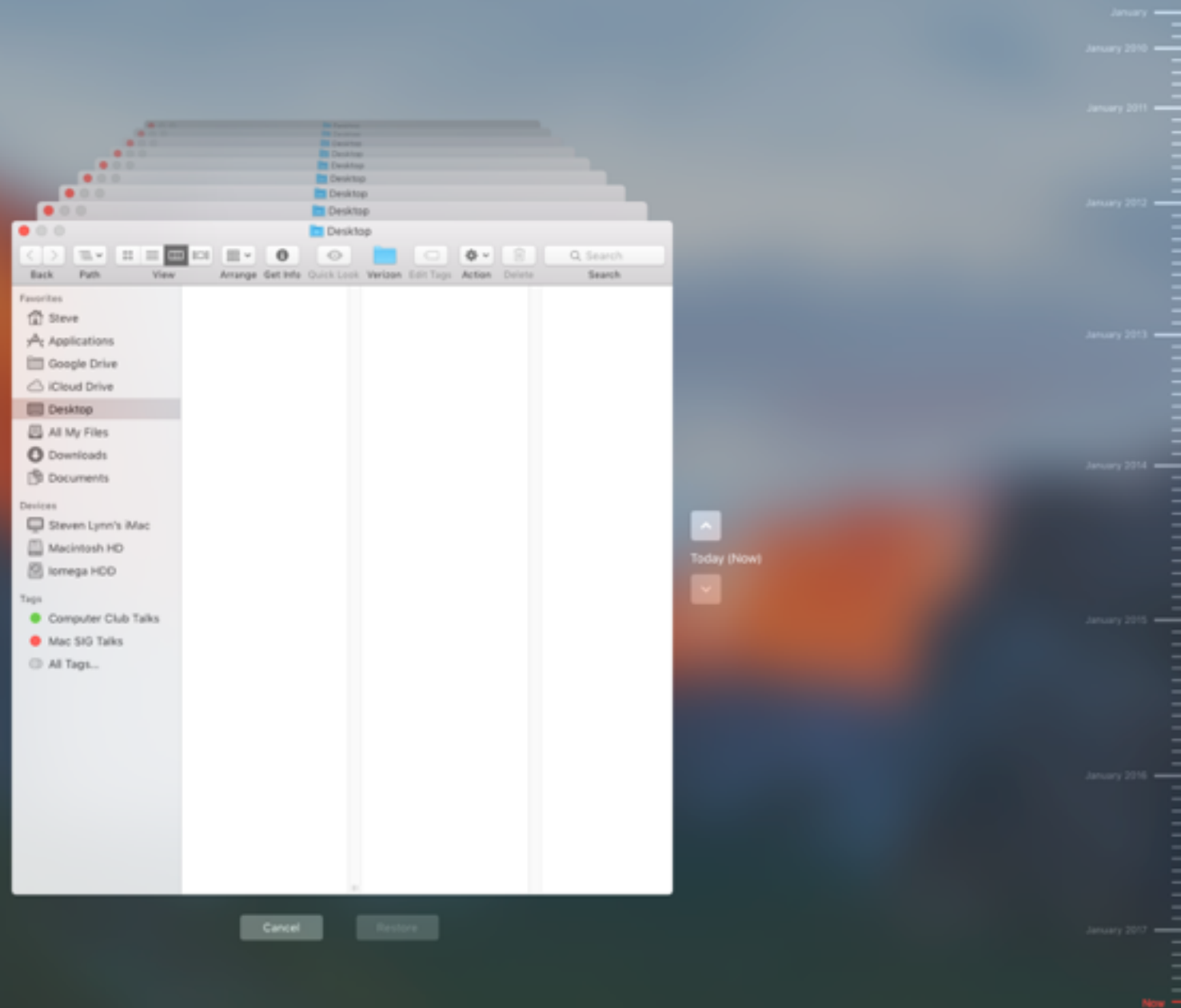
- Let's show an example of how a group of files were restored that had been on the desktop but somehow became missing. As shown, there are a number of different types of files



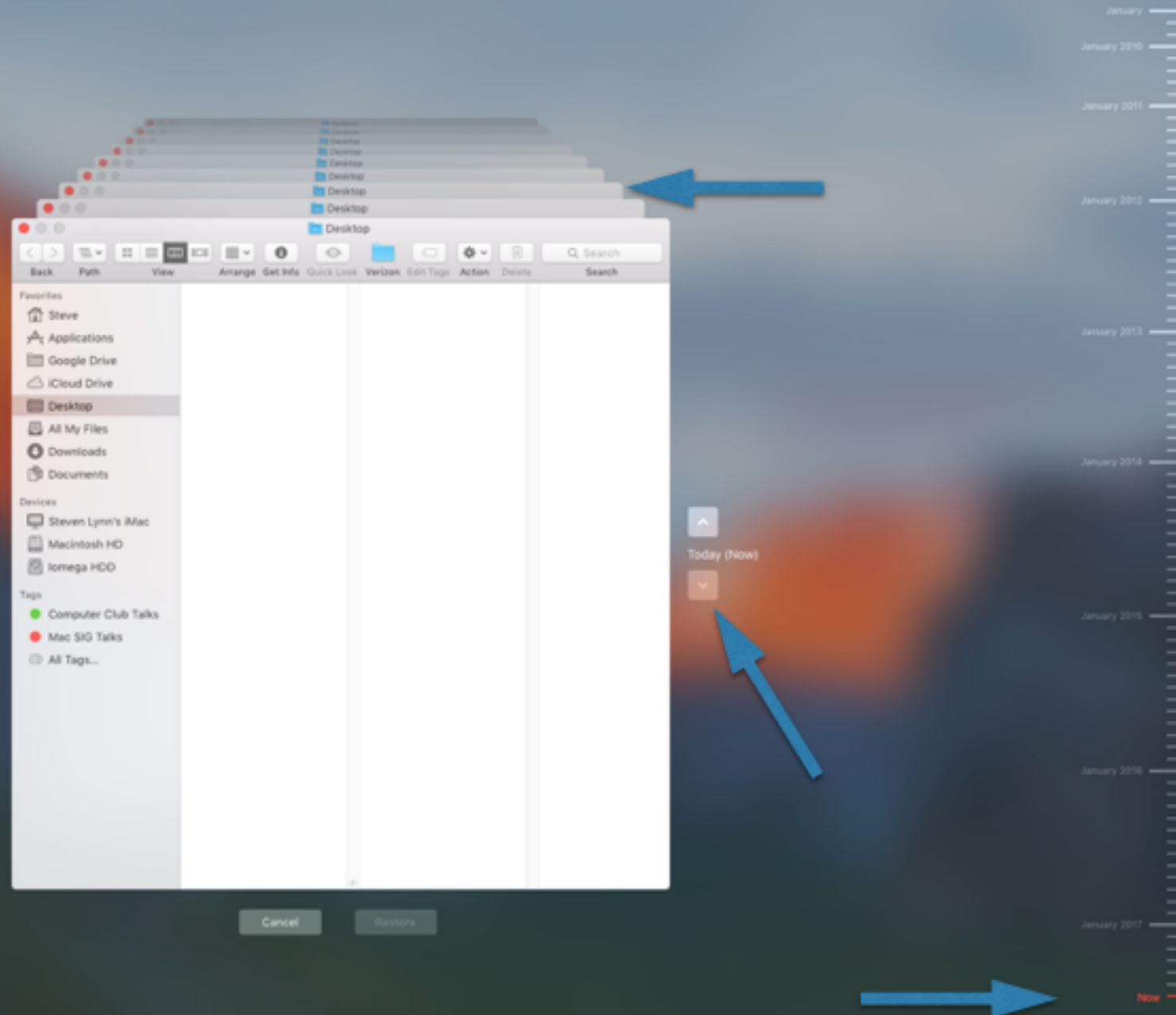
● Oops, somehow they were deleted



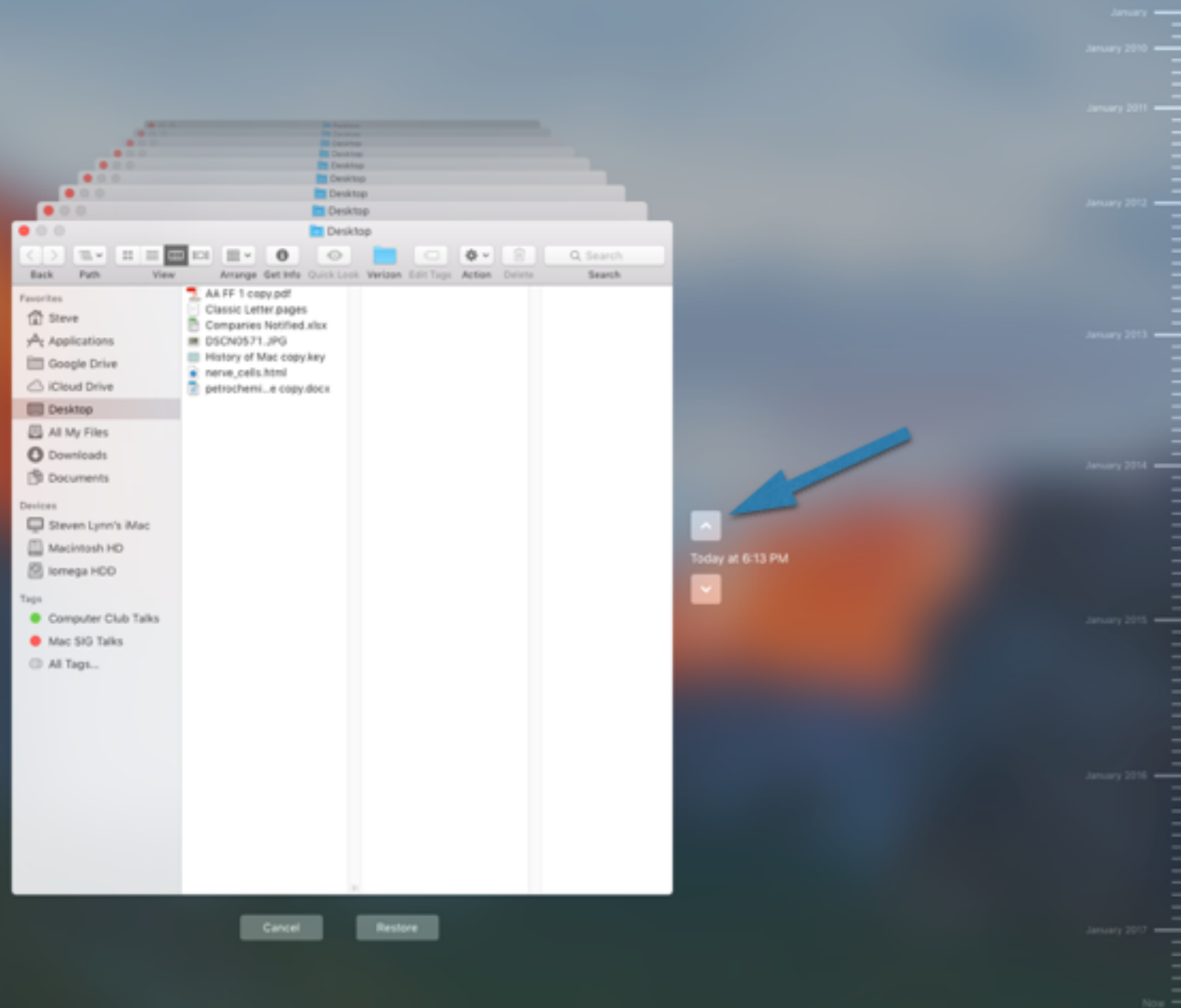
- I then entered **Time Machine** by the method explained before, from the icon in the upper right hand corner of the desktop menu



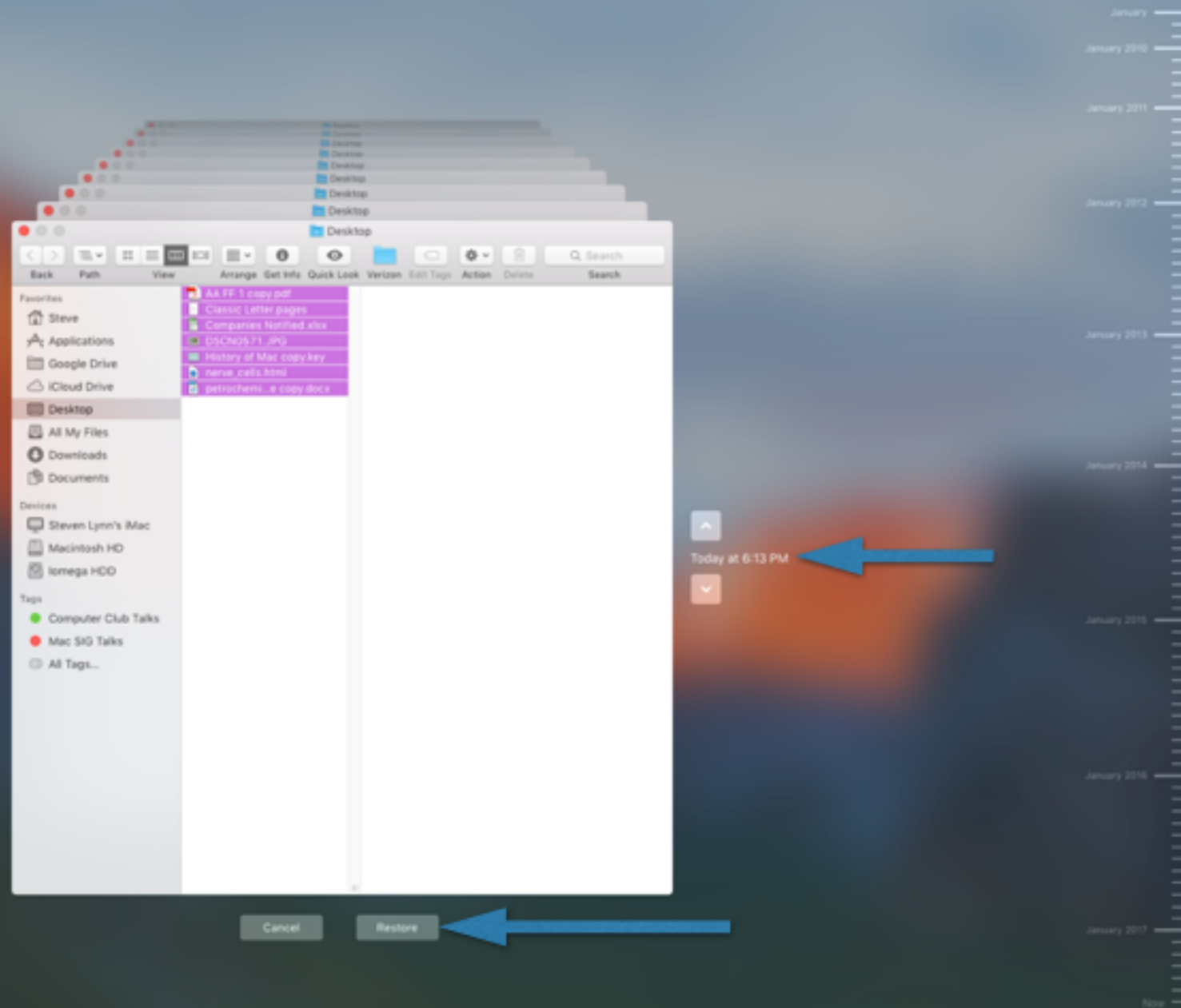
- There are several different ways to go back in time



- I chose this method and clicked one or two back in time. For me it was only about an hour before. For you it could be much further back



- Next, I highlight the files that I want to restore and click on “Restore” then “Cancel” to get back to the normal desktop...



● and voila, there are the files on the right hand of my desktop



● I can easily shift them to the positions I had them in before





*The End*