Installing tukey.uchicago.edu as a printer on your laptop

The drivers and software to use with tukey should be downloaded from the Canon website:

https://www.usa.canon.com/support/p/imagerunner-advance-dx-c5850i#idReference%3Dsoftware-drivers

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The Generic_Plus_UFRII driver listed under the **RECOMMENDED** section for the Windows operating system is compatible with most recent versions of Microsoft's OS (e.g., Win 10, Win 11, various versions of Windows server, etc).

The latest versions of drivers and software are uploaded to the Canon website when they become available. Download them as needed after checking the operating environment for your machine, including the operating system of your computer and selecting the appropriate OS if it is not automatically detected.

- Some functions of drivers & software may not be available depending on the model of the machine or operating environment.
- Some drivers may not be fully compatible with the operating system you are using. Check the driver compatibility with the latest versions of operating systems on the Canon website.

Carry out driver installation by clicking on the downloaded .exe or .zip file and follow the prompts in the pop-up screen.

If you need further guidance, please refer to the following videos on print driver installation:

Windows: https://www.youtube.com/watch?v=ieHZMWlwwto

Mac: https://www.youtube.com/watch?v=Klf4MsNUFN8

In general, I search for the tcp/ip device tukey.uchicago.edu to make the printer connection in my operating system's printer preference section, while on the campus computer network or via the university vpn (from off-campus). To print to tukey, the setup on your device requires some configuration at the printer level to incorporate the mandatory Department ID and PIN.

Windows:

Let's assume the instructions in the Windows video link above worked out and you named the printer tukey.uchicago.edu under your list of 'Printers & Scanners'. In your finder/search bar, run the Printer settings window, select tukey.uchicago.edu, and click the 'Manage' button:

Settings		- 🗆 X
a Home	Printers & scanners	
Find a setting	Add printers & scappers	Troubleshoot your printer
Nevices	Add a crinter or scanner	If you can't get your printer to work, try running the printer troubleshooter.
	+	Open troubleshooter settings
Bluetooth & other devices		
	Printers & scanners	Related settings
Printers & scanners	ep224	Print server properties
) Mouse		Run the troubleshooter
	Fax	
Typing 1		Help from the web
A Pen & Windows Ink	Microsoft Print to PDF	Adding Printer or Scanner in Windows
		Downloading print drivers
AutoPlay	Microsoft XPS Document Writer	Changing printer status
1 USB		Scanning documents
	OneNote	
		Get help
	OneNote (Desktop)	Give feedback
	tukey.uchicago.edu	
	Open queue Manage Remove device	
	Let Windows manage my default printer	
	When this is on, Windows will set your default printer to be the one you	
	used most recently at your current location.	

Then select the 'Printer properties' link, followed by the 'Device Settings' tab in the resulting window.

eneral Sharing Ports Advanced	Color Management Security Der	rice Settings Profile Encrypted-P
levice Information: 🐼 Auto [iR-AD	V C5840/5850] Config. P	ofile: iR-ADV (Type 050) Change
evice Type(8): A3	 ✓ Color 	~
Finishing Settings	Paper Source Settings	
2-sided Printing	Paper Source Options:	2-Cassette Feeding Unit
☑ Offset	Inserter(7):	None
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7	Spooling at Host:	Auto 🗸
2	Set User Information(L)	Settings(W)
	User Management(J):	Department ID Management
Trim [Fore]		Settings
	Secure Printing Function	of Device

Near the lower right section of the screen, next to 'User Management', under 'Department ID Management', select 'Settings...' In the resulting 'Department ID/PIN Settings' windows, select/check the 'Allow PIN Setting' box in the top left corner, and put in your 'Department ID:' and 'PIN:' ... they will be the same number for both. Then click 'OK'.

Pepartment ID/PIN Settings	×	/ Device Settin	ngs Profile Encrypted-P	
Allow PIN Setting		nfig. Profile:	iR-ADV (Type 050)	Change
Department ID:			~	
PIN:		J S		
	Verify	s: 2-Cas	sette Feeding Unit	
Confirm Department ID/PIN When Pri	inting	None		
Do Not Use Department ID Managem	nent When B&W Printing	Assignment	Paper Size Settings(X)	Paper Source(Q)
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You should now be all set to send jobs to tukey.uchicago.edu from your Windows laptop. Assuming you have entered your Department ID/PIN number correctly, the machine will accept the job and print it out for you.

Apple OSX:

The video link above covers the download and installation of the appropriate driver for your flavor of Apple/Mac operating system:

Caren Bagert for InegritUNE : x +					
DOWNLOADS PRODUCT I	NEO imegeRUNNER ADVANCE DX C5850				
	Software & Drivers	Manuals	Advisories	Specifications	
	This pr Author	educt is supported by our Canor taed Dealers provide the highest	Authorized Dealer Net quality service and are	work. Canon supported by Canon-	
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Software & Driver					
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Cur software & drivers for your produc different operation system make sure t	I are specific to your operations system. We a select the correct operation system & ver	we detected your operating syste sion with the drondowns below N	m as OS X. If you need a of all our software & driv	oftware or drivers for a ers are compatible with all	
operating systems and versions.	,				
	Operating System	Vention			
	Mac (detected)	macOS Ventura VI3			
Nor V Longuage Al English	~			Set Recommended	~
1-3 of 3 Results					
RECOMMENDED					
File Name	Туре	Dute	File Size		-
UP90_9931932_Mac.zip	Driver	9 1196-22	98.3 MB	DOWNLOAD	

While on the campus computer network, either via wifi or vpn from off-campus, under your 'System Preferences' search for your 'Printers & Scanners' section and add a new device. In the resulting 'Add Printer' window, select the 'IP' icon near the top, input the address: **tukey.uchicago.edu**, protocol: 'Line Printer Daemon – LPD', and in the bottom most 'USE:' field search for and select the 'Canon IR-ADV C5840/5850' driver that should've been installed in the above step. Then click the 'Add' button in the lower right corner of the window.

	Add Printer
	Default IP Windows
Address:	tukey.uchicago.edu
	Valid and complete host name or address.
Protocol:	Line Printer Daemon - LPD
Queue:	
	Leave blank for default queue.
Name:	tukey.uchicago.edu
Location:	5747Ellis_206_PSD_STAT_E4225
Use:	Canon iR-ADV C5840/5850
2	
ſ	Add

From your list of 'Printers', select and modify the settings for tukey.uchicago.edu. Hit the 'Options & Supplies' button.

tukey.uchicago.edu	
	Printer Queue
Name	tukey.uchicago.edu
Location	5747Ellis_206_PSD_STAT_E4225
	Options & Supplies
Share this printer on the network	
	Open Sharing Settings
Kind	Canon iR-ADV C5840/5850
Driver version	10.19.11

In the resulting window, select the 'Options' button at the top and make sure 'Department ID Management' is checked.

To take full advantage of your pri- here. For information on your pri- documentation.	nter's options, confirm tha nter and its optional hardwa	t they are accurately show are, check the printer's
Paper Source Options:	None	Θ
Paper Deck Unit:	Off	Θ
Output Options:	None	Θ
Copy Tray:	Off	0
Puncher:	None	0
Paper Folding Unit:	Off	Θ
	Department ID Manage	ement
	Prioritize User Authent	ication
	Secure Printing Function	on of Device
Platform Version:	3.10 or later	Θ

Next, select the 'Utility' tab and click the 'Open Printer Utility' button.

General	Options	Supply Levels	Utility	
	Open P	rinter Utility		
			Cancel	ОК

In the resulting window, select the 'Authentication Function' tab and from the drop down 'User Management:' menu, select 'Department ID Management'. Then input your department code in the 'Department ID:' and 'PIN:' fields (they will be the same number). Click 'Save Settings' in the bottom right.

		Printer Name:	tukey.uchicago.edu	
		Kind:	Canon iR-ADV C5840/5850	0
			Printer Informati	ion
			Remote UI	
	Authentication Function	User Information	Store Destination	
ser Manage	ment:			
Department	ID Management 😒			
		Department ID: 90	0210	
		PIN:	••••	
			Verify	
Confirm D	epartment ID/PIN When Print	ing	Verify	

Assuming you have activated the 'Department ID/PIN' sections of the driver and entered your Department ID/PIN number correctly, the machine will accept your jobs and print them out for you.