Black History Month Nanotechnologists Wikipedia Edit-a-thon

Presented by the National Nanotechnology Coordination Office and the National Institute for Occupational Safety and Health with support from Wikimedia DC



February 14, 2023

Wikimedia DC



Wikimedia DC is the regional outreach organization for Wikipedia and the other projects of the Wikimedia Foundation. Our mission is to promote participation in Wikimedia projects in Washington, DC, Maryland, Virginia, West Virginia, Delaware and throughout the United States.

Ariel Cetrone - Institutional Partnerships Manager Wikipedia Username: @Ariel Cetrone (WMDC) WikimediaDC.org



Today's Objectives and Goals

Attendees will:

Learn how to edit existing Wikipedia articles and create new ones

With the goal of:

 Improving and creating Wikipedia articles on our work list over the next few weeks

Event Management Tools: Links in Chat

 Wikimedia page that includes: article work list links to Wikipedia policies, practices, tools useful sources A page that tracks editing progress Requires signing-in using your Wikipedia username. help prevent cross 	Sheet
 step-by-step editing instructions today's slide deck The page will remain live and 	es

Event Page

- Go to en. wikipedia.org. Enter WP:Nanotech into the Wikipedia search bar.
- 2. Bookmark this page

Shortcut WP:Nanotech

Black History Month Wikipedia Edit-a-thon presented with support from Wikimedia DC

Event description

For Black History Month, the National Nanotechnology Coordination Office and National Institute for Occupational Safety and Health (NIOSH) will recognize and celebrate the contributions of past and present Black nanoscientists, nanoengineers, and nanoentrepreneurs through a Wikipedia edit-a-thon that will involve undergraduate students from the NextTech undergraduate student network (https://nexttechnetwork.org/ \(\mathbb{C}\)).

The **National Nanotechnology Coordination Office** conducts public engagement on behalf of the National Nanotechnology Initiative (NNI) and provides technical and administrative support to the interagency nanotechnology community. The NNI brings together representatives from multiple agencies to leverage knowledge and resources and to collaborate with academia and the private sector, as appropriate, toward the shared vision of a future in which the ability to understand and control matter at the nanoscale leads to ongoing revolutions in technology and industry that benefit society.

Find Dashboard Link

NIOSH is the leading federal agency conducting research and providing guidance on the effects of engineered nanomaterials on worker health, and methods to control or eliminate exposures, through its Nanotechnology Research Center. NIOSH also created the Emerging Technologies Branch in 2019 to facilitate forecasting, identifying, evaluating, and developing guidance on potential hazards in new or emergent technologies.

This event and initiative is presented with support from Wikimedia DC.

When

February 14, 2023

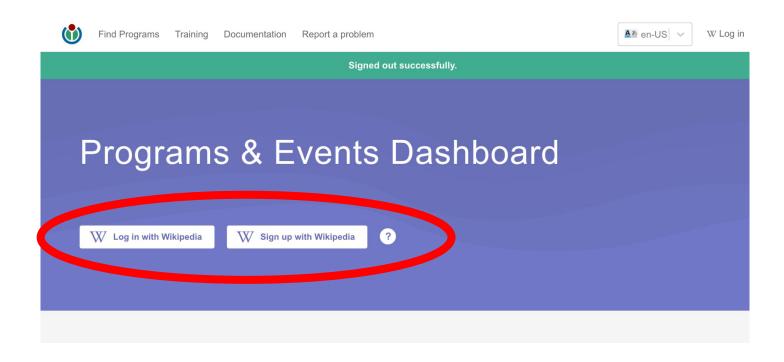
Registration

Privot

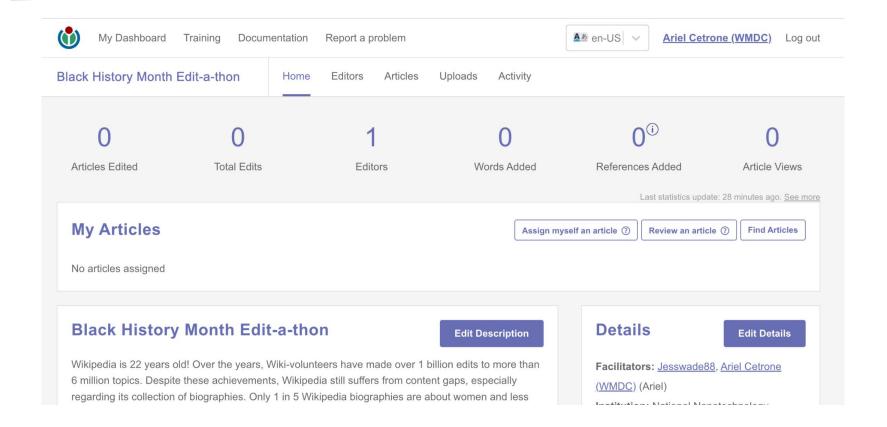
Event Dashboard

Dashboard ☑

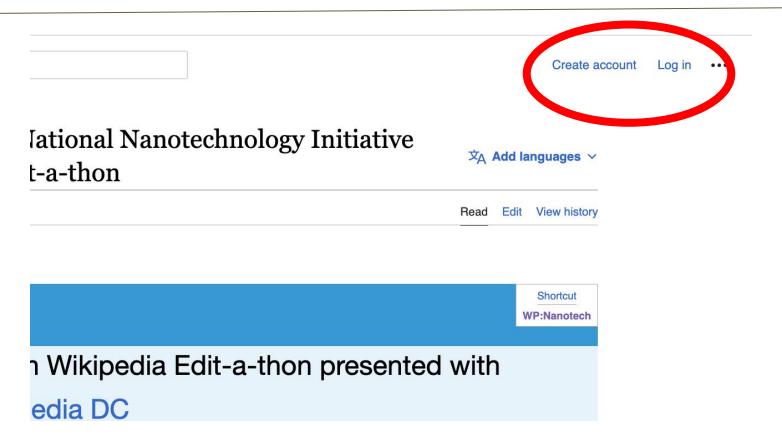
Dashboard



Dashboard



Log in to English Wikipedia/Create Account



Google Sheet: Link on Event Page

- 1. Add username next to desired article
- 2. Create or edit article
- 3. Remove name when done

▼ fx Add name or o	username to reserv an article						
A	В	С	D	Е	F	G	
Add name or username to reserv an article	Article	revid	ORES	link	Wikipedia page?	Note	Sec Link
	Baratunde A. Cola	1122817302	Start	link	Yes		http e-pr
	Paula T. Hammond	1137293431	GA	link	Yes		http amr
	Tequila Harris	1114943250	С	link	Yes		http
	LaShanda Korley	1117114403	С	link	Yes		http d-La le-p
	Omowunmi Sadik	1104214320	С	<u>link</u>	Yes		
	Cato T. Laurencin	1132248405	GA	<u>link</u>	Yes		http /100
	Sherine Obare	1125379284	С	link	Yes		https Oba
	Davita Watkins	1131329575	С	link	Yes		https
	Tina Brower-Thomas				No		https
	William L. Wilson (scientist)				No		http



Wikipedia

What exactly is it, anyway???

What is Wikipedia?

Wikipedia is a multilingual, web-based, free encyclopedia based on a model of openly editable content. It is the largest and most popular general reference work on the Internet. [Wikipedia] is supported by the Wikimedia Foundation, a non-profit organization which operates on money it receives from donors.

From Wikipedia (en)

Wikimedia, is the global community of contributors to Wikimedia Foundation projects. The movement was created around Wikipedia's community, and has since expanded to the other Wikimedia projects.

Wikimedia



- Wikipedia, a web-based encyclopedia
- Wiktionary, a dictionary
- Wikibooks, educational textbooks
- Wikinews, news articles
- Wikiquote, a collection of quotations
- Wikisource, a library of source texts and documents
- Wikiversity, educational material

- Wikivoyage, a travel guide
- Wikispecies, a taxonomic catalogue of species
- Wikimedia Commons, a data repository of media like images, videos and sounds.
- Wikidata, a common source
 of data, also accessible by
 the other projects

Wikipedia: the 21st-century Encyclopedia



"Imagine a world in which every single person on the planet is given free access to the sum of all human knowledge. That's what we're doing."

-Jimmy Wales, co-founder, Wikipedia

About



Free as in beer, Free as in freedom ... gratis et libre

Created and edited by volunteers

Overseen by nonprofit Wikimedia Foundation

All edits and versions recorded forever (revision history)

7+ million articles, 280+ languages

Uses and rights



All content freely licensed without restrictions

Creative Commons Attribution Sharealike or Public Domain

Written content or image/video/audio uploads

Wikimedia Commons - multimedia repository commons.wikimedia.org

Commercial re-use is absolutely allowed. Google, publishers...

Wikipedia: Basics, Policies, and Oversight

Wiki

- A website where anyone can edit any page at any time
- Meant to be "quick"
- Remembers all versions (nothing ever destroyed)
- Hyperlinks between pages

Wikipedia: Five Pillars

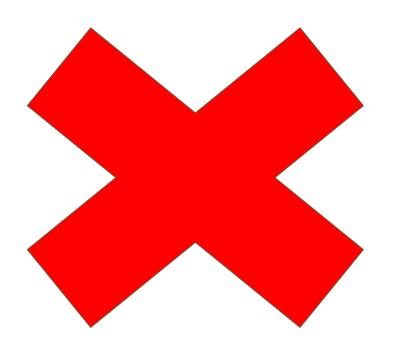
- Wikipedia is an encyclopedia
- Wikipedia is written from a neutral point of view
- Wikipedia is free content that anyone can use, edit, and distribute
- Wikipedia's editors should treat each other with respect and civility
- Wikipedia has no firm rules

WP:Pillars

Wikipedia Policies

- Neutral Point of View written so all sides can agree (WP:POV)
- Notability significant independent sources -> importance (WP:N)
- Verifiability Using reliable sources to reference information (WP:V)
- No original research point to existing scholarship (WP: NOR)
- Assume good faith start with congenial spirit (WP:GF)
- Conflicts of interest disclose and abide by terms of service (WP:COI)

Conflicts of interest



Do not edit or create articles about:

- Yourself
- Your school
- Colleagues
- Your employer
- An employee
- Close relatives or friends

Wikipedia: Reliable Sources

Articles should be based on reliable, published sources. If no reliable sources can be found on a topic, an article should not exist.

Reliable sources

per WP guidelines

- Published scholarship (print or online)
- News organizations
- Vendor and e-commerce sources (Can be used to verify awards won, album length, etc.)
- Biased or opinionated sources (Only when trying to report the existence of one side of a topic, debate, etc.)

Unreliable sources

per WP guidelines

- Questionable sources. (Those with a poor reputation for checking the facts or with no editorial oversight)
- Self-published sources including websites*
- Primary sources*
- Social media sites including Linkedin

^{*} These can be added to external links section, but should not be cited

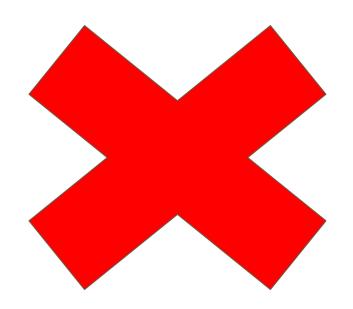
Reliable Sources? Yes



- Newspapers -
 - Preferably profile pieces or similar when writing biographies
- Academic journals or similar
- Websites from reliable sources Government, museums, scientific institutions, universities*

*Some university sources are okay, i.e. blogs, official publications, etc. Professor profiles can be used but only if notability has first been established with other sources.

Reliable Sources? No



Do not cite:

- Self-published websites
- Social media
- LinkedIn
- Their own work Books, journals,
 etc. (if writing bios)*

*These can be added in 'Publications'

Article Quality Assessment

All rated articles by quality and importance						
	Importance					
Quality	Тор	High	Mid	Low	???	Total
★ FA	1,489	2,310	2,259	1,683	170	7,911
★ FL	165	619	696	646	107	2,233
(A) A	322	642	756	538	89	2,347
⊕ GA	2,953	6,711	13,547	16,940	1,680	41,831
В	15,399	29,615	48,033	54,050	17,446	164,543
С	15,438	48,614	119,529	244,019	73,531	501,131
Start	18,699	89,672	392,834	1,388,447	385,819	2,275,471
Stub	4,286	32,009	279,786	2,610,202	826,920	3,753,203
List	4,515	15,727	48,822	167,486	73,788	310,338
Assessed	63,266	225,919	906,262	4,484,011	1,379,550	7,059,008
Unassessed	115	447	1,192	14,996	395,738	412,488
Total	63,381	226,366	907,454	4,499,007	1,775,288	7,471,496

WP:ASSESS

Wikipedia's Gender Gap



The "Average" Wikipedian

The common characteristics of average Wikipedians inevitably color the content of Wikipedia. The average Wikipedian on the English language Wikipedia is:

- 1. white
- 2. male
- 3. technically inclined
- 4. formally educated
- 5. an English speaker (native or non-native)
- 6. aged 15-49
- 7. from a majority-Christian country
- 8. from a developed nation
- 9. from the Northern Hemisphere
- 10. likely employed as a white-collar worker or enrolled as a student rather than being employed as a blue-collar worker

Content gender gap? Make the invisible visible

Percentage of women's biographies:

November 2014	January 2023			
15%	19.44%			
English language Wikipedia	English language Wikipedia			

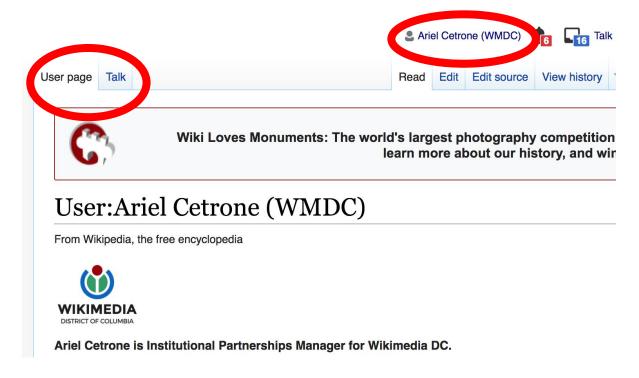
User Page



User Page

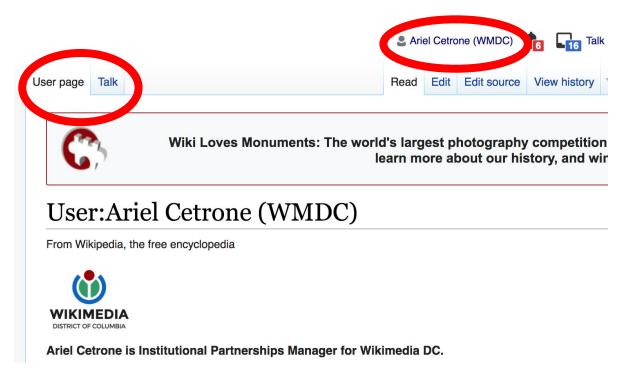
 All users/editors are assigned a user page

Access user page by selecting your username (top right)



User Page

- Select create (new users) or edit (for experienced users) to share information, interests, etc.
- Use is optional unless editing as part of official duties



Talk Page

- Receive messages
- Communicate with other users



Preparing To Edit: Setting editing preferences



Wikipedia Editing Tools

VisualEditor

'Edit' button

VisualEditor is a "visual" way of editing Wikipedia that does not require editors to learn wiki markup. Until Visual Editor, editors had to learn wiki markup to make most edits.

VisualEditor works like a word processor. While is simpler to use, the Source Editor can be more effective for some tasks.

Source Editor

'Edit source' button

Source editor uses Wikitext, also known as Wiki markup or Wikicode, which consists of the syntax and keywords used by the MediaWiki software to format a page.

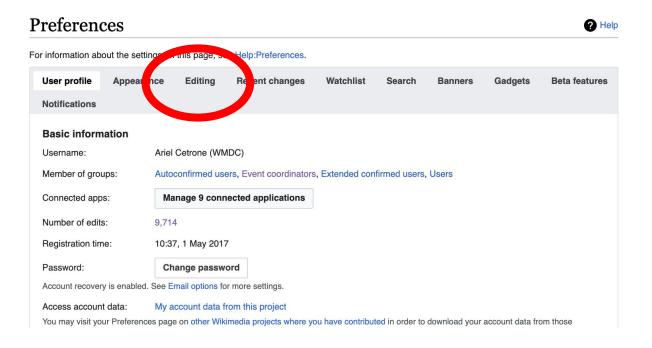
Set Editing Preferences: Activate Visual Editor

- 1. Open the Wiki event page or any Wikipedia article
- 2. Select 'Preferences' (Top right)



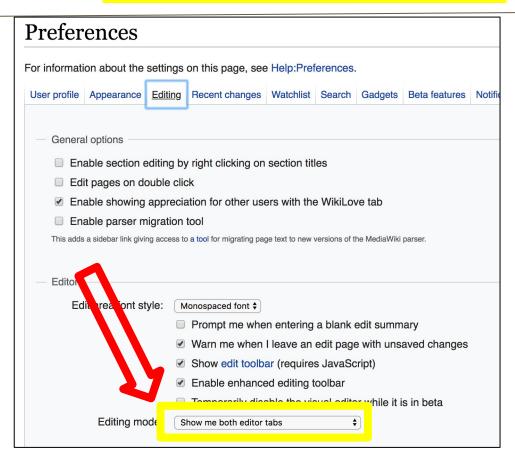
Set Editing Preferences: Activate Visual Editor

3. Select the 'Editing' tab



Set Editing Preferences: Activate Visual Editor

- 4. Scroll down to 'Editor'
- 5. Select 'Show me Both Editor Tabs' from the 'Editing Mode' dropdown menu
- 6. Save (bottom left)



Article Anatomy



Sample Article

Annie Easley [edit | edit | source]

文A 24 languages ~

Article Talk Read Edit Edit source View history ☆ TW ➤

A C-class article from Wikipedia, the free encyclopedia

Annie Jean Easley (April 23, 1933 – June 25, 2011) was an American computer scientist, mathematician, and rocket scientist. [1] She worked for the Lewis Research Center (now Glenn Research Center^[2]) of the National Aeronautics and Space Administration (NASA) and its predecessor, the National Advisory Committee for Aeronautics (NACA). She was a leading member of the team which developed software for the Centaur rocket stage, [3] and was one of the first African-Americans to work at NASA. Easley was posthumously inducted into the Glenn Research Hall of Fame in 2015. On February 1, 2021, a crater on the moon was named after Easley by the IAU. [4]

Education [edit | edit source]

Before the Civil Rights Movement, educational and career opportunities for African-American children were very limited. Segregation was prevalent, African-American children were educated separately from white children, and their schools were often inferior to white schools. Annie's mother told her that she could be anything, but she would have to work at it. She encouraged Annie to get a good education. From the fifth grade through high school, Annie attended Holy Family High School, and was valedictorian of her graduating class.^[5] At a young age Annie had interest in becoming a nurse, but around the age of 16 she decided to study pharmacy.^[6]

In 1950, Easley enrolled in classes at Xavier University in New Orleans, [3] which was then an African-American Roman Catholic University, and majored in pharmacy for about two years. [5]

In 1977, she obtained a Bachelor of Science in Mathematics from Cleveland State University. [7][8]

Annie Easley

ORES predicted quality: (+) GA (4.21)



Born Annie Jean Easley April 23, 1933

Birmingham, Alabama

Died June 25, 2011 (aged 78) Cleveland, Ohio

Nationality American

Education B.S. in Mathematics, 1977

Tools [hide]

Actions

Move

General

What links here

Related changes

Special pages

Permanent link

Page information

Cite this page

Wikidata item

Edit interlanguage links

Word count

Print/export

Download as PDF

Printable version

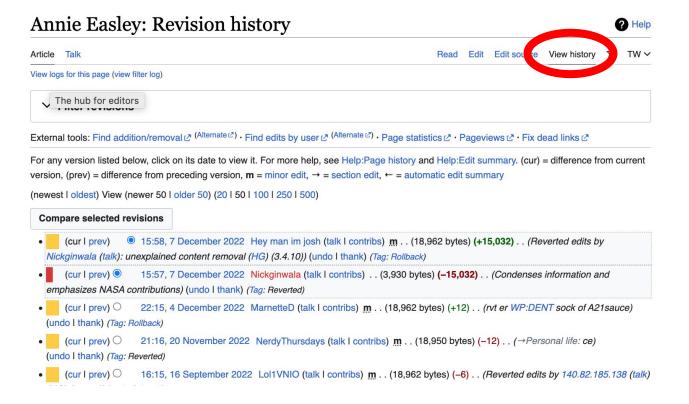
In other projects

Wikimedia Commons

Article Talk Page



History Log



Article Sections: Lead Paragraphs and Infoboxes

Annie Easley [edit | edit | source]

Article Talk

Lead paragraph/s: Emboldened name, DOB, notability statement/s

ead Edit Edit source

Main photo or Infobox placement ORES preud Placement

A C-class article from Wikipedia, the free encyclopedia

source]

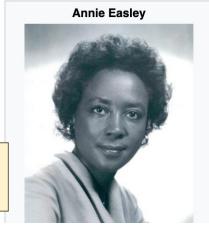
Annie Jean Easley (April 23, 1933 – June 25, 2011) was an American computer scientist, mathematician, and rocket scientist. She worked for the Lewis Research Center (now Glenn Research Center^[2]) of the National Aeronautics and Space Administration (NASA) and its predecessor, the National Advisory Committee for Aeronautics (NACA). She was a leading member of the team which developed software for the Centaur rocket stage, and was one of the first African-Americans to work at NASA. Easley was posthumously inducted into the Glenn Research Hall of Fame in 2015. On February 1, 2021, a crater on the moon was named after Easley by the IAU. 4

Education

Before the Civil Rig rement, e were very limited. S tion was from white children eir schoo

Remainder is mostly chronological See: WP:Manual of Style for guidance

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Article Sections: References

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References [edit | edit source]

- 1. ^ a C "Annie Jean Easley Obituary" . The Plain Dealer. ClevelandOhio.
- 3. ^ a b c Mullig, A. (1999). Proffitt, Pamela (ed.). Notable Women

- 8. ^{A a b c d e} "Annie J. Easley Oral History" ∠. historycollection.jsc.nasa.gov. Retrieved 2020-03-07.
- Williams, Talithia (2018-04-10). Power in Numbers: The Rebel Women of Mathematics. Race Point Publishing. p. 87 ⋈. ISBN 978-0-7603-6028-6.
- 10. ^ a b c d Thomas, Kindra (16 March 2017). "Annie Easley, Computer Scientist and Mathematician" ☑. NASA. Retrieved 19 March 2017.

Additional Sections

Further reading [edit | e source]

- Black Contributors to Contribu
- The ACM-Mills Conference on Pioneering Women in Computing. Mills College, Oakland, California. May 7, 2000
- In Black and White: A Guide to Magazine Articles, Newspaper Articles and Books Concerning More than 15,000 Black Individuals and Groups.

 3rd edition Mary Mace Spradling, ed. (Detroit, Michigan: Gale Research Co.), 1980. p. 289.
- "Easley, Annie J.: American Computer Scientist" in World of Computer Science. Brigham Narin, Ed. (Detroit, Michigan: Gales Group), 2002.
 p. 210.
- Pendergast, Sara; Pendergast, Tom (2007). Contemporary Black biography. profiles from the international Black community. Detroit, Michigan: Thomson Gale. ISBN 9781414429205. OCLC 183327197 &.
- Moral Maria (1999). Black women scientists in the United States 0. Bloomington, Indiana: Indiana University Press, ISBN 978-0-253-33603-3.

External links [edit | elsource]

- Book Rane Rior
- The Faces of Science Biography
- Annie Easley ☑

	Authority control ℯ	[hide]
General	VIAF (1 &) · WorldCat &	
National libraries	United States ₽	
Scientific databases	zbMATH c⁴	
Other	Social Networks and Archival Context	

Categories (+†): 1933 births --) (±) | 2011 deaths (-) (±) | African-American women engineers (-) (±) | American women engineers (-) (±) | African-American engineers (-) (±) | African-American mathematicians (-) (±) | 20th-century American mathematicians (-) (

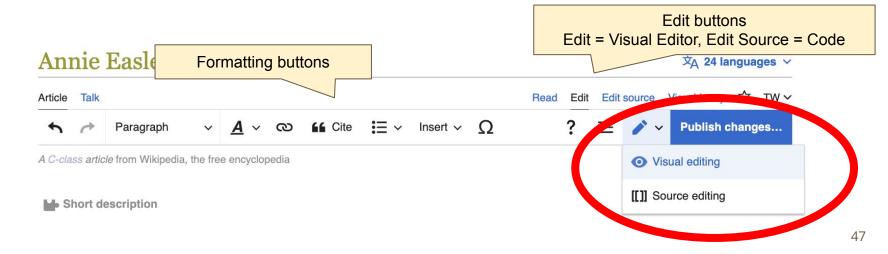
Editing Existing Articles



Editing with Visual Editor

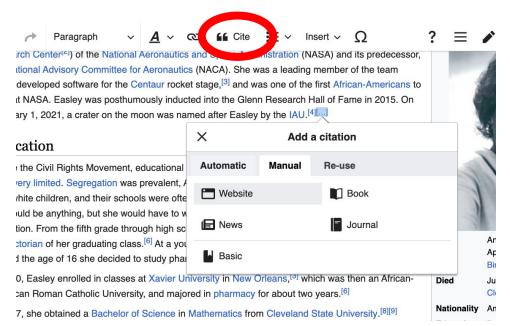
- 1. Open a Wikipedia article
 - 2. Select 'Edit'
- 3. Add and remove text as you would in a word processor

Unsure if you are in Visual Editor? Are you not seeing the 'Edit' button? Select 'Edit Source', select the Pencil (red), select 'Visual editing'



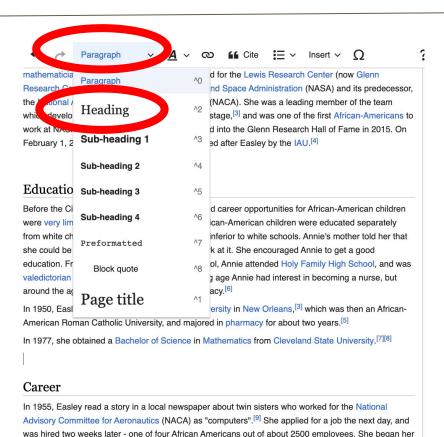
Citing Your Sources

- 1. Place cursor in desired location
- 2. Select 'Cite'
- 3. Select 'Automatic' (for URLs, etc.), 'Manual' (to customize fields), or 'Reuse' (to cite a source that has already been used)



Adding Sections with Headings

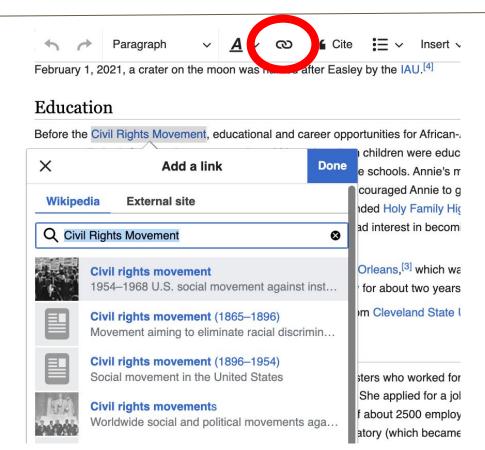
- 1. Place cursor
- 2. Select 'Paragraph'
- 3. Select 'Heading'
- 4. Add heading text
- 5. Select enter/return to continue with regular font



Creating Links Between Wikipedia Articles

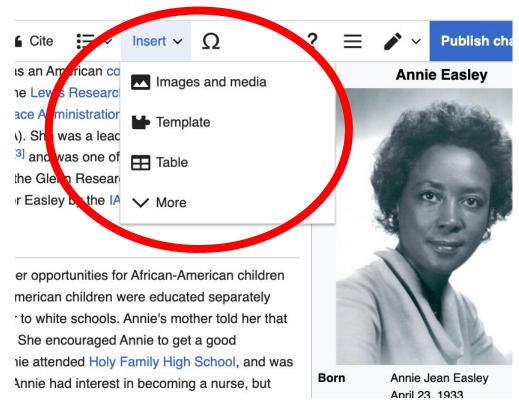
- 1. Select text
- 2. Select link icon
- 3. Select article and 'Done'

*When adding an external link in an external links section, enter the title of what you are adding, highlight the text, select the link icon, paste a URL, and select 'Done'.



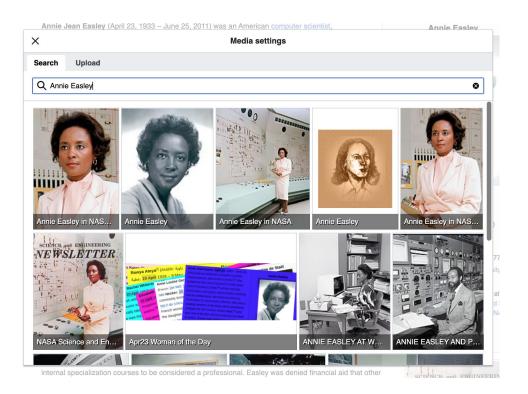
Adding Photos with Wikimedia Commons

- 1. Place cursor in desired location (left or right)
- 2. Select: 'Insert' + Media'



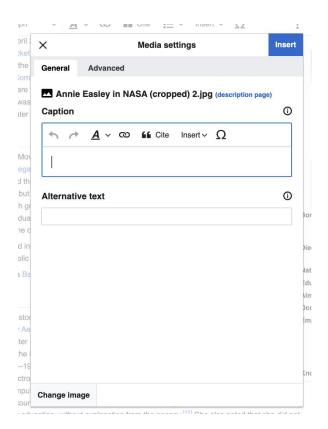
Adding Photos with Wikimedia Commons

- 3. Enter search term*
- 4. Select photo + 'Use this image'



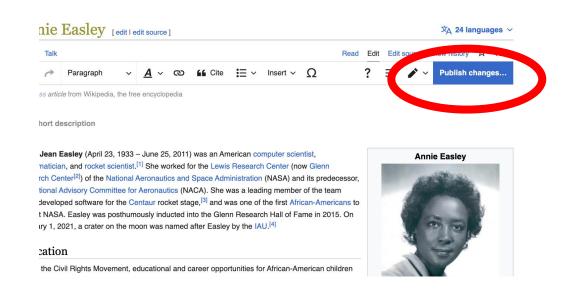
Adding Photos with Wikimedia Commons

- 5. Caption your image and add alternative text
- 6. Select 'Insert'



Publish

- Select 'Publish changes'
- 2. Add brief not in 'Edit Summary' field
- 3. Select 'Publish changes' once more



To quickly abandon changes made to an article, select 'Read' (next to Edit/Edit Source) and your edits will not be saved.



Creating Article Drafts

1. Reserve the article using the Google sheet



2. Select the article link on the event page*

Red = Open a blank page to start a new article Blue = Will open existing article

*Red links, in this case, will start new drafts: Once ready, drafts can be move to 'mainspace' Wikipedia.

5. For new articles, start by adding a 'References' header at the bottom.

Articles to create [edit source]

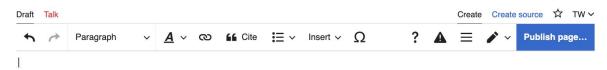
- Draft:Angelique Johnson[1] ☑[2] ☑[3] ☑[4] ☑
- Draft:Ginai Seabron[6] ☑[7] ☑[8] ☑
- Draft:Tina Brower-Thomas[9] ☑
- Draft:William L. Wilson (scientist)[10] ☑
- Draft:Ange-Therese Akono[11] ☑ [12] ☑ [13] ☑
- Draft:Tiffany Williams (materials scientist)[14] [2]
- Draft:Nora Savage[15] Use this for publication section, not as a source
- Draft:Whitney Ingram[16] ☑[17] ☑
- Draft:Olivia Geneus[18] ☑[19] ☑
- Draft:Tod Pascal
- Draft:Ken Carter (scientist)
- Draft:Treye Thomas

Existing articles to edit [edit source]

- Baratunde Cola
- Cato Laurencin
- Davita Watkins

3. Select 'Create' (top right)*

Draft:Jamea Richmond-Edwards



^{*}Tips: Create references section then return to top and start the lead paragraph. Publish often. Select 'edit' (top right) to continue editing your draft

- 4. Add a 'References' header at the bottom.
- 5. Use sources provided on the event page/spreadsheet or others to find information



- 6. Scroll to top and start writing. Be sure to add citations, hyperlinks, etc.
- 7. Publish the draft when ready

Draft:Jamea Richmond-Edwards



7. Publish as you go. Select 'edit' (top right) to keep working.



Moving Draft Articles

8. When the draft is ready to go to Wikipedia mainspace, go to the draft article and select 'More' then 'Move'



Moving Draft Articles

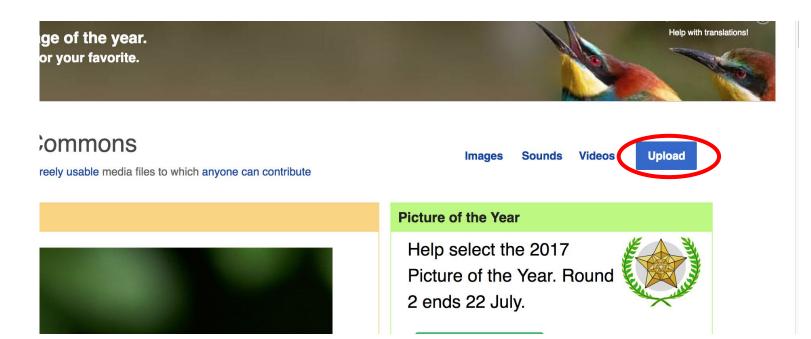
Open 'New title' drop down menu and select (Article) then 'Move page'



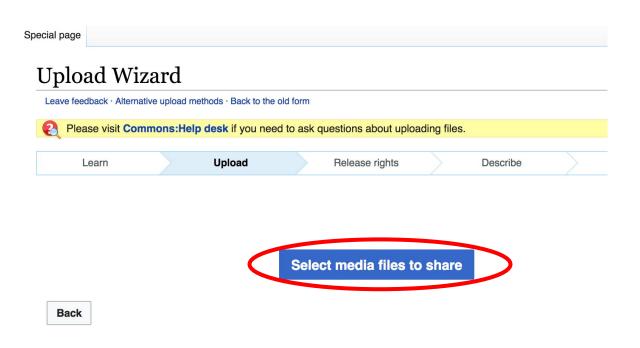
Uploading Photos or Files to Wikicommons



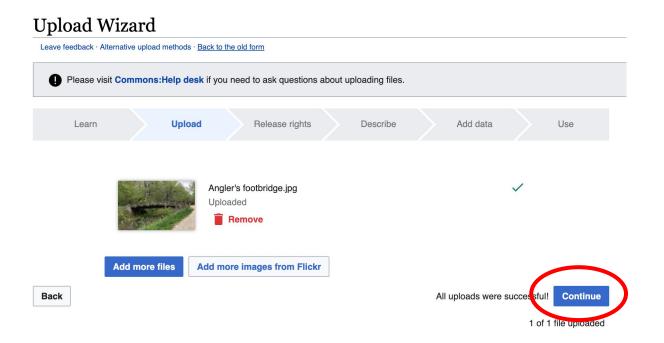
- 1. Go to commons.wikimedia.org
- 2. Select 'Upload'



3. Select media files to share



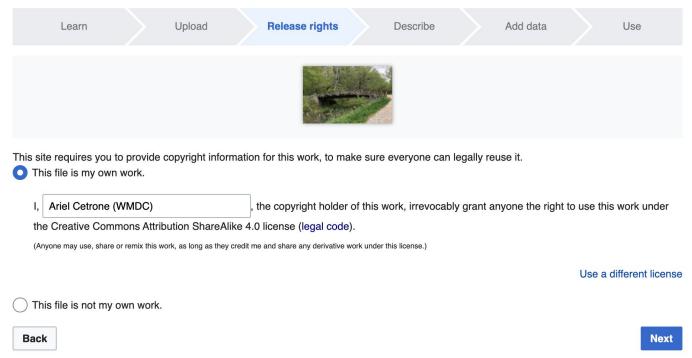
4. Select 'Continue'



5. Select Address Copyright

Upload Wizard Leave feedback · Alternative upload methods · Back to the old form Please visit Commons: Help desk if you need to ask questions about uploading files. Add data Upload Release rights Use Learn Describe This site requires you to provide copyright information for this work, to make sure everyone can legally reuse it. This file is my own work. This file is not my own work. Back

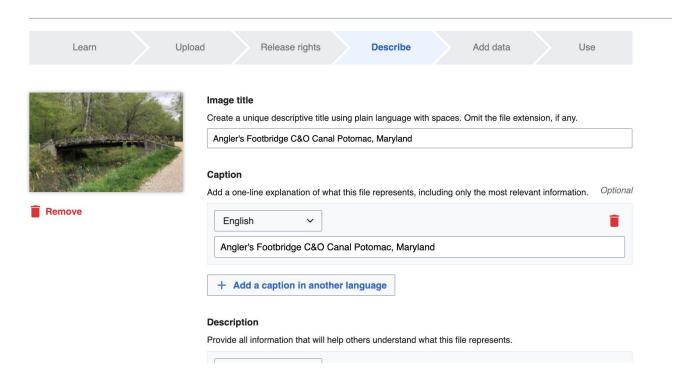
5a. Release the rights if it is your own work



5b. If not your own work, name the source and select the appropriate Creative Commons license or another reason why it is license-free or in the public domain (Pre-1926, published for the US government, etc.)

Th	te requires you to provide copyright information for this work, to make sure everyone can legally reuse it. is file is my own work. is file is not my own work.
	ource
	here this digital file came from — could be a URL, or a book or publication.
Δι	uthor(s)
	e name of the person who took the photo, or painted the picture, drew the drawing, etc.
	than of the person who took the protes, or painted the picture, drow the drawing, etc.
	o name of the person time took the protes, or painted the picture, drow the drawing, etc.
	o name of the person time teach the protect, or painted the protect, area the drawing, etc.
	ow tell us why you are sure you have the right to publish this work:
	ow tell us why you are sure you have the right to publish this work:
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