

CSE CITATION STYLE 9TH ED. QUICK GUIDE

This quick guide summarizes rules set out by the Council of Science Editors (CSE) in the 9th edition of *The CSE Style Manual*. CSE provides guidance on three citation styles used in scientific literature: citation-sequence, citation-name, and name-year. **This guide follows the name-year system.** This system uses in-text citations with the author's name and publication date to identify sources; corresponding entries in the reference list at the end of the document are organized alphabetically by author name. This quick guide offers general guidance on CSE citation style and examples for common sources. For more information, please consult the CSE Style Manual:

[CSE] Council of Science Editors, Style Manual Task Force. 2024. The CSE manual: scientific style and format for authors, editors, and publishers. 9th ed. University of Chicago Press. 816 p.

Copies of the print manual are available in the following places:

- General collection at the Killam Library (3rd floor), call number T 11 C675 2024.
- Reference collection at the Kellogg Health Sciences Library, call number WZ 345 C748s 2024

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CSE Challenge

Write a reference using this style for any of these DOI suggestions, then use this guide to self-correct your answer(s).

10.1371/journal.pone.0266938
10.1016/j.plantsci.2008.03.007
10.1007/978-0-387-45972-1

Citing Source Material: Why Citations Are Important

As the writer, you decide which ideas to include (and which not to include) in your assignments and papers. These choices are key to your analysis and encompass not only your own ideas but also the source materials you have cited. All sources used in your work needs to be cited; it should be clear to your readers which ideas are your own and which ideas come from other people. Ideas are communicated in your work either as a paraphrase or a quotation. The differences are explained in the next section. For more information on why citations are important, visit the Dalhousie Libraries' [Citation Style Guide](#).

Paraphrases vs. Quotations

Paraphrases

A paraphrase puts a source's ideas into your own words. It is not enough to change the order of the words from the original source—this is a form of plagiarism. In scientific writing, maintaining the original author's meaning is most important; paraphrases still mean the same thing using different words and give credit using an in-text citation. An example of a paraphrase is given below, and it is followed by the direct quotation for comparison:

BioBlitz was found to be impactful for teaching first and second year university students about the diversity of life in their immediate environment (Gass et al 2021).

“Our findings demonstrate that a BioBlitz is an effective experiential educational tool for early-year post-secondary students” (Gass et al 2021).

To create an acceptable paraphrase: ask yourself how you would explain the concept to someone else without the source in front of you. Remember that paraphrasing is concerned with maintaining the original author's meaning. For more information on how to paraphrase and the difference between paraphrases and quotations, visit the [Dalhousie Writing Centre's research guide](#). The guide has a helpful handout on [incorporating quotations](#).

Quotations

Direct quotations are not common in scientific writing; paraphrases are preferred. If you copy words from a source, you are quoting, and you must show this in your formatting. Short quotations (generally less than 40 words) must be in quotation marks and are included in the main text of the document. It is not necessary to include page numbers for quotations. The author(s) (or authors and (year)) can either be introduced in the line preceding the quotation or can be included at the end of the quotation:

Gass et al (2021) “demonstrate that a BioBlitz is an effective experiential educational tool for early-year post-secondary students.”

“a BioBlitz is an effective experiential educational tool for early-year post-secondary students” (Gass et al 2021).

Long quotations (generally more than 40 words) are known as block quotations, which should be indented but not enclosed in quotation marks:

Chisanga and Masson (2024) state that:

Optical fiber nanosensors have revolutionized metabolomics studies of single cells, offering real-time spatiotemporal phenotypes underlying diseases ranging from cancers to neurological disorders. Because optical nanosensors have fast response times down to the millisecond scale, they cope well with rapid changes in the levels of metabolite substrates, intermediates, and end products of normal or disease-altered metabolism in situ.

Nanosensors are becoming an increasingly important tool for researchers:

Optical fiber nanosensors...cope well with rapid changes in the levels of metabolite substrates, intermediates, and end products of normal or disease-altered metabolism in situ (Chisanga and Masson 2024).

General Rules

In-Text Citations

CSE citation style is a two-part tagging system that uses in-text citations and an end reference list. In-text citations tell your reader that an idea is not your own and allows them to see where the idea came from without interrupting the flow of reading. An end reference corresponds to an in-text citation and gives all of the information needed for a reader to look up a source on their own. The two sections below explain the differences between in-text citations and references, and include examples.

Basic format

Name-year in-text citations are placed in **parentheses** and include the **author's surname** and the **year of publication**. Each citation belongs inside the relevant sentence, enclosed in parentheses and before the period, but not necessarily at the end of the sentence. All sources cited in the text of a paper must be included in the list of references and all references must be cited in the text.

Below are several examples:

One author Record the author's name and year of publication of the work. Do not separate the author's name and year with punctuation.	(Westhead 2018)
Two authors Record both authors' names, separated by the word "and" and then the year of publication.	(Chisanga and Masson 2024)
Three or more authors Record only the first author's name followed by et al. The abbreviation et al should not have a period.	(Gass et al 2021)
Unknown author Use the first word or few words of the title, followed by an ellipsis (three dots).	(McGraw-Hill dictionary...2003)
Unknown date Use the author's last name, followed by an ellipsis (three dots) and "date unknown" or an estimated date in square brackets.	(Ullmann...[date unknown]) (Ullmann...[1954])
Works by same author in the same citation Record the author's name only once and separate years with a comma.	(Whitehead 2012, 2018)
Works by same author in same year Use lowercase letters starting with "a" to distinguish each work.	(Archibald 2009a, 2009b)
Works by same first author in same year	(González-Morales, Marsh et al 2019; González-Morales, Xiao et al 2019)

List enough additional authors to distinguish each work. Alphabetize the works by the surname of the second author.	
Multiple references in the same line Arrange sources first by year of publication and then alphabetically by author, separating works with a semicolon.	(Gass et al 2021; Grujic et al 2025; Schwab et al 2025)
Organizations as authors For organizations as authors, include an acronym for the organization's name in the in-text citation.	(CWF 2026)

End Reference List

A properly formatted reference list leads your reader to the sources you used. The reference list should include everything cited in the text. (Some unpublished sources are exceptions to this rule. See [Unpublished Sources](#) at the end of this section for specific examples). A master list of sources cited in this document formatted as a reference list is included at the end of the document. In the name-year system, end references are organized alphabetically by last name of the first author of each publication. If two publications with the same first author are included, record them in chronological order. Hanging indents are optional for your reference list but can help your reader quickly find the information they need.

Basic format

The proper format of an end reference depends on the type of source that is used. All end references should include the name of the author, the title of the source, and the year of publication. Other citation elements that change depending on the source type are detailed below.

Author Names	
Rules	Examples
- In end references, surname comes first, followed by the first and middle initials. - No period after initials; no commas separating an author's surname and initials. - Names of multiple authors are separated by commas. - List authors' names in the same order as they appear in the document; order usually indicates each author's contribution. - Place a period at the end of the author section of an end reference.	Westhead M. [example for Maxine Westhead]. Schwab MS, Haghipour N, Eglinton TI. [example for Melissa S. Schwab, Negar Haghipour, Timothy I. Eglinton].
- Use the same spelling as appears in the document. - Keep capitalization, hyphens, diacritics and other conventions as they are in the document. - Do not include any information other than the author's name, like degrees or titles.	MacNeil A. [example for Aaron MacNeil]. Côté PD. [example for Patrice D. Côté].

For sources with an organization as author, record the organization's abbreviation in square brackets before the organization's name.	[CWF] Canadian Wildlife Federation
List two sources by the same author in the reference list chronologically, beginning with the earliest date.	(eg Whitehead M. 2012 comes before Whitehead M. 2018).
Dates	
Most sources only require the publication year.	2025.
If a month is included, record it after the year using a three-letter abbreviation.	March 2025 → 2025 Mar.
Multiple months are separated by an en dash with spaces before and after.	2025 Mar – Apr.
If a day is included, record it after the month.	2025 Mar 1.
Names of seasons, if included, are capitalized and not abbreviated.	Summer.
If a source does not have a publication date, use the copyright date, preceded by the letter "c".	c2025.
If a source has both a copyright date and a publication date that are separated by more than three years, record both dates in the end reference	2025, c2017.
If no date is known, use "date unknown" or an estimated date in square brackets.	[date unknown]. [1954].
Access dates are not required for online sources; include an access date in square brackets only if no other date is available.	[accessed 2026 Aug 18].
Article or Book Titles	
- Capitalize the first word, proper nouns, proper adjectives, or initialisms only. - The first word of a subtitle is not capitalized	Tectonics in turbulence: defending science in unstable times. AI-driven carbon monitoring: transformer-based reconstruction of atmospheric CO₂ in Canadian poultry regions.
Content Designators	
- Knowing specific types of content may be helpful to a reader. - These are like sub-categories of source types: an article could be a letter to the editor; a book could be a dissertation or a bibliography. - Include content designators in square brackets after the title.	[dissertation]. [bibliography].
Medium Designators	
- Some types of sources require special equipment to retrieve the information. - It is important to readers to know what equipment is needed.	[microfilm]. [microfiche].

- Some common medium designators are microfilm, microfiche, and DVD. - Enclose medium designators in square brackets; include them as part of the title.	[DVD].
Journal Titles	
- Use a journal title's official abbreviation in the reference list. - Articles, prepositions, and conjunctions are not included in abbreviated titles. - Use one period at the end of the abbreviation. - Journal titles are not italicized.	Can J Fish Aquat Sci. (Canadian Journal of Fisheries and Aquatic Sciences) Mol Cell Biol. (Molecular and Cell Biology). Forest Ecol Manag. (Forest Ecology and Management).
If a journal title is only one word, it is not abbreviated.	Nature. Science. Bioscience.
- Use the ISSN's List of Title Word Abbreviations to look up abbreviated words. - String words together to create the abbreviated title.	Frontiers in Immunology → Front Immunol. Frontiers in Aquaculture → Front Aquac.
Volume and Issue Numbers	
- Volume and issue numbers must be included when available. - Record issue number in parentheses after the volume number, no space. - A colon follows the parentheses	44(4): 17:
Multiple volume or issue numbers for one article are separated by an en dash.	120(1 – 2):
Location Information	
- Location information is used to find the exact work from a reference. - Page numbers are the most common type of location information. - Record page numbers as they appear on the item itself. - You may need to download an online journal article to see page numbers. - Record page numbers after volume and issue information, preceded by a colon and no space.	17:313 – 338. 44(4):1 – 2. 120(1 – 2):1 – 24.
Use entire numbers.	313 – 338 [NOT 313 – 38].
Keep any letters that are included.	R81 – 88.
- Some articles published online will have a document or article number instead of page numbers. - Record this number after volume and issue information.	14:1269614.
Extent of a Work	

• Extent is optional, but readers may find it helpful. • For print books, record the page count, followed by “p.” • For audiovisual media, record the runtime.	816 p. 1:25:44.
DOIs and URLs	
• DOI stands for “digital object identifier.” • DOIs are unique links for a resource (usually journal articles or eBooks) that are not as volatile as a URL. • DOIs begin with the number “10” and should be included in the reference list in URL format, beginning with “https://doi.org/ ...”. • DOIs and other links are not followed by a period. • If submitting a hard copy document, normal text for URLs, not hyperlinks. • If an article does not have a DOI, a stable URL can be included instead.	If an article’s DOI is 10.1016/j.neuroscience.2016.10.054, the proper URL would be: https://doi.org/10.1016/j.neuroscience.2016.10.054 This is a stable URL from the database JSTOR: https://www.jstor.org/stable/10.1163/j.ctv2gjwvhb.54
• Links to resources that require a Dalhousie login to access will not work for other users. Do NOT use these links in your reference list. • These links may contain “Dalhousie University” or “ezproxy.”	These URLs should NOT be used in the reference list: https://research.ebsco.com/c/tz2u4c/search/details/6uml2v7qzb?db=aph&limiters=None&q=dalhousie%20university&searchMode=all https://ezproxy.library.dal.ca/login?Url=https://www.scopus.com/search/form.uri?display=basic
Journal Preprints	
• Preprints are versions of journal articles that are posted online before they are published, allowing authors to receive feedback before peer review. • Include “preprint” as a content designator in square brackets after the article title. • In the reference list, record the name of the preprint server and the article number instead of the journal title, volume, issue, and page numbers. • Article number is separated from the name of the preprint server by a semicolon, no space. • If a published version is available, use that instead of the preprint.	Spadon G et al. 2025. Community-centered spatial intelligence for climate adaptation at Nova Scotia’s Eastern Shore [preprint]. arXiv;2509.01845. https://doi.org/10.48550/arXiv.2509.01845
Publisher	

• Include only the name of the publisher in reference entries; place of publication is no longer required.	Sun X, Udenigwe CC. 2025. Bioavailability of nutraceuticals and bioactive compounds. Taylor & Francis. https://doi.org/10.1201/9781003312741
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Examples of Different Types of Sources

Journal Articles	
1 to 5 authors	Author(s). Year. Title of article. Abbreviated Journal Title. Volume number(issue number):page numbers or article number. DOI. Nersesian S, Carter EB, Lee SN, Westhaver LP, Boudreau JE. 2023. Killer instincts: natural killer cells as multifactorial cancer immunotherapy. <i>Front Immunol.</i> 14:1269614. https://doi.org/10.3389/fimmu.2023.1269614
More than 5 authors	Name of First Author et al. Year. Title of article. Abbreviated Journal Title. Volume number(issue number):page numbers or article number. DOI. Zhou X et al. 2021. Evaluation of cloud and precipitation simulations in CAM6 and AM4 using observations over the Southern Ocean. <i>Earth Space Sci.</i> 8(2):e2020EA001241. https://doi.org/10.1029/2020EA001241
Preprint	Author(s). Year. Title of article [preprint]. Preprint server;article or citation number. DOI. Spadon G et al. 2025. Community-centered spatial intelligence for climate adaptation at Nova Scotia's Eastern Shore [preprint]. <i>arXiv</i>;2509.01845. https://doi.org/10.1145/3764924.3770892
Books	
1 author	Author. Year. Title of book. Edition (if applicable). Publisher. Extent (optional). Keddy PA. 2010. <i>Wetland ecology: principles and conservation</i>. 2nd ed. Cambridge University Press. 497 p.
More than one author	Author(s). Year. Title of book. Edition (if applicable). Publisher. Extent (optional). Stone JW, Kennedy JG, Glazebrook M. <i>The foot and ankle: AANA advanced arthroscopic surgical techniques</i>. CRC Press. For any source with more than five authors, record only the first author's name, followed by et al. See 'More than 5 authors' above for an example.
Book chapter in an edited collection	Author(s). Year. Title of chapter. In: Name of Editor(s), editor(s). Title of book. Edition (if applicable). Publisher. p Page numbers. Westhead M. 2018. Marine protected areas: ensuring effective conservation while pursuing global targets. In: Werle D et al, editors. <i>The future of ocean governance and capacity development: essays in honor of Elisabeth Mann Borgese (1918-2002)</i>. Brill. p 286-292.
Book in a series	Author(s). Year. Title of chapter. In: Name of Editor(s), editor(s). Title of book. Edition (if applicable). Publisher. p Page numbers. (Title of Series number of series (if applicable)).

	Westhead M. 2012. Ecosystem services in the Gulf of Maine. In: Stephenson JH, Annala JH, Runge JA, Hall-Arber M, editors. Advancing an ecosystem approach in the Gulf of Maine. American Fisheries Society. p 1-8. (American Fisheries Society Symposium 79).
eBook	Author(s). Year. Title of book. Publisher. DOI/URL (if available) Sun X, Udenigwe CC. 2025. Bioavailability of nutraceuticals and bioactive compounds. Taylor & Francis. https://doi.org/10.1201/9781003312741
Reports	
Report	Author(s). Year. Title of report. Sponsoring organization. Report No.: number. URL or DOI. Sayeed J et al. 2026. Technical report: estimating the incremental impact of Canada Summer Jobs. Employment and Social Development Canada. Report No.: SG5-107. https://www.canada.ca/content/dam/esdc-edsc/images/corporate/reports/technical/incremental-impact-canada-summer-jobs/SSPB-ED-CSJ-Technical%20Report-Publication-EN.pdf
Report with unidentified author	Accountability report 2024-2025: natural resources. c2025. Province of Nova Scotia. https://www.novascotia.ca/sites/default/files/documents/1-2256/accountability-report-2024-25-department-natural-resources-en.pdf
Newspaper Articles	
Print	Author(s). Date. Title of article. Newspaper name (edition). Section (if applicable):page number. Shanbhag O. 2026 Jul 16. Probiotic and prebiotic supplements found to improve bee survival in extreme temperatures. The Globe and Mail. A2. Immen W. 1983 Dec 1. Arctic scientists confident they can solve Alpha maze. The Globe and Mail. Science:S7.
Online	Author(s). Date. Title of article. Newspaper name (edition). URL. Silcoff S. 2026 July 15. Amazon could take more than 20% stake in Canadian lithium-ion battery maker Electrovaya: Mississauga company says it signed commercial agreement and warrants deal with U.S. tech giant. The Globe and Mail (Online). https://www.theglobeandmail.com/business/article-amazon-could-take-more-than-20-per-cent-stake-in-canadian-lithium-ion/
Audiovisual Sources	
DVD	Author(s). Date. Title [medium designator]. Publisher. Dalhousie University Faculty of Medicine. 2004. Arterial blood gas sampling [DVD]. MedIT.
Online video	Title of video [medium designator]. Date posted. Title of program (if applicable). Producer or publisher. Platform. Extent. URL Diving into shark research & conservation in Nova Scotia [YouTube video]. 2023 Jun 26. Dalhousie Science. YouTube. 1:25:44. https://www.youtube.com/watch?v=yA-tzGpkfGc
Podcast	Narrator/host's name. Date. Title of episode [medium designator]. Title of podcast. Producer. Extent. URL

	Barclay D. 2026 Mar 26. Episode 50 – Dr. Leanne Stevens, Associate Dean – Academic [podcast episode]. Sciographies. Dalhousie University Faculty of Science. 35 min. https://9c33e22c-d9a6-450d-834b-b89dee5039bb.libsyn.com/episode-50-dr-leanne-stevens-associate-dean-academic
Other Published Sources	
Conference paper	Author. Title of paper. In: Title of conference proceedings; dates of conference; location of conference. Publisher. Page numbers. DOI. Zarb M, Siegel AA, Lytwynenko J. 2016. Student concerns regarding transition into higher education CS. In: ITICSE '16: Proceedings of the 2016 ACM Conference on Innovation and Technology in Computer Science Education; 2016 Jul 11-13; Arequipa, Peru. Association for Computing Machinery. p 23-28. https://doi.org/10.1145/2899415.2909581
Thesis or dissertation	Author. Year. Title [content designator]. Institution. Cox RA. 1999. Eclogite facies metamorphism of mafic & ultramafic rocks in the Tshenukutish terrane, Manicouagan Imbricate Zone, eastern Grenville Province [dissertation]. Memorial University of Newfoundland.
Patent	Generator, inventors; name of assignee, assignee. Date. Title of patent. Adjective of issuing country followed by the country-coded patent number. Patents have roles different from a traditional author; a generator of a patent is an inventor. If ownership is transferred from the inventor to another person or company, the new owner is known as the assignee. Brown J, Latham K, inventors; Daxsonics Ultrasound, INC., assignee. 2006 Jan. Systems and methods of combined phased-array and Fresnel Zone plate beamforming employing delay-corrected Fresnel sub-apertures. Canadian patent CA 2996703.
Website	Author. Date (date of modification, update, or an access date in square brackets if no other date is available). Title of article/page. Publisher. URL. Websites may not always have a clearly identified author. If no author is available, either omit the author's name or treat the publishing website as the author. [CSA] Canadian Space Agency. 2024 [modified 2024 Dec 16]. About the International Space Station. https://www.asc-csa.gc.ca/eng/iss/about.asp Bertrand Lab. [accessed 2026 Aug 18]. Research. https://erinbertrand.wixsite.com/bertrandlab/research
Dataset	Author(s). Date. Title of dataset. Publisher. URL Michaud, Y. 2005 Jan 1. Hydraulic properties in the south-central area of the Maritimes Carboniferous Basin. Groundwater Information Network. https://gin.geosciences.ca/service/api_ngwds:gin2/en/metadata/nap/006ca8ca-a68b-473b-be7f-ffb1a0a98c4f.html
Manuscript in an archive	Author(s). Date. Title. Physical description. Notes with location; manuscript's call number.

	Lill W. 1995. The Val Orlikow story. 1.25 cm. Located at: Dalhousie University Archives, Halifax, NS, CA; MS-2-772, Box 5, Folder 1.
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Unpublished Sources	
Social media posts • Social media posts are generally only cited in-text and are not included in the reference list. • If it is necessary to include in the reference list, follow this general format.	Username or page name (@username for X/Twitter). Date of posting. Title, text, or partial text of post. Name of platform. URL. Dalhousie University (@DalhousieU). 2019 Mar 27. Colonel (Ret.) Chris Hadfield has donated thousands of copies of his space photographs to #DalhousieU, and they're out of this world! On April 11th, join @DalLibraries at the launch the @Cmdr_Hadfield Space Photographs Collection: bit.ly/2UWV545. Twitter. Dalhousie University. 2026 Jul 20. A landmark Dalhousie-led study, recently published in the New England Journal of Medicine, could reshape post-surgical care, showing a simpler approach after joint replacement may deliver comparable outcomes while lowering health-care costs. Facebook. https://www.facebook.com/DalhousieU/
Personal communications • Personal communications (eg letters, emails, texts, phone calls) should be cited in-text but should not be included in the reference list unless they are publicly available. • More information can be included in a "Notes" section at the end of the document before the reference list.	During the 2007 season, observers noted four humpback females in the bay, while the following year, only two females were seen (2009 email message from R Comeau to the author; unreferenced, see Notes).
AI-generated content • References to AI-generated content are treated as personal communications. Include an in-text citation, but do not include it in the reference list. • As in the personal communication example above, you can use a note to provide more context.	I wanted to see how it would respond to a prompt to "create a nonexistent dinosaur" (ChatGPT [OpenAI], response to question from author, 6 April 2023; unreferenced, see Notes).

• Include the prompt used, along with the name of the platform and the date the prompt was entered. • It is also good practice to include a statement at the end of your assignment disclosing if and how AI was used. Ask your instructor for guidance on the best format.	
Additional References (not included in <i>The CSE Manual</i>)	
Lab exercise	Relevant content from a lab exercise that is not available to people outside of the lab can sometimes be used as source material in a class assignment; consult your instructor for their preference. If it is included, cite it in the following format: Author (if unknown, replace with title of lab). Year. Title [content designator]. University. Department. Course number. Extent. The Grignard synthesis of benzoic acid. 2022. Introductory organic chemistry [lab manual]. Dalhousie University. Department of Chemistry. CHEM 2402. Experiment 11; p. 71-84.
PowerPoint slides	Relevant content from a class PowerPoint that is not available to people outside of the class can sometimes be used as source material; consult your instructor for their preference. If it is included, cite it in the following format: Author(s). Year. Title [medium designator]. University. Department. Course number. Extent (number of slides). MacDonald Eddington J. 2026. Using the style guides to build your references (or literature cited) page and in-text citations [PowerPoint slides]. Dalhousie University. Writing Centre. 32 slides.
Lecture	Relevant lecture content can sometimes be used as source material; consult your instructor for their preference. If it is included, cite it in the following format: In her 2020 September 30 lecture on _____, K. Watkins explained that _____. You could also paraphrase what was said followed by a parenthetical citation: _____ (Watkins 2020 Sep 30 lecture on species diversity; unreferenced).

Other Important Information

Taxonomic Names	
Rules	Examples
- Record species names in Latin according to the binomial naming system. - Italicize species names; capitalize genus names.	<i>Acer saccharum</i> <i>Equus caballus</i>
The name should be spelled out for the first use; subsequent uses should use abbreviated genus names—first letter followed by a period.	<i>A. saccharum</i> <i>E. caballus</i>
Names of higher taxa are generally not italicized	Mammalia Poaceae
Periods	
- Eliminate periods wherever possible. - Omit periods from abbreviations of Latin terms.	e.g. → eg i.e. → ie et al. → et al

References

Accountability report 2024-2025: natural resources. c2025. Province of Nova Scotia.

<https://www.novascotia.ca/sites/default/files/documents/1-2256/accountability-report-2024-25-department-natural-resources-en.pdf>

Archibald JM. 2009a. The puzzle of plastic evolution. *Curr Biol.* 19(2):R81-88.

<https://doi.org/10.1016/j.cub.2008.11.067>

Archibald JM. 2009b. Genomics. Green evolution, green revolution. *Science.* 324(5924):191-192.

<https://doi.org/10.1126/science.1172972>

Barclay D. 2026 Mar 26. Episode 50 – Dr. Leanne Stevens, Associate Dean – Academic [podcast

episode]. Sciographies. Dalhousie University Faculty of Science. 35 min. <https://9c33e22c-d9a6-450d-834b-b89dee5039bb.libsyn.com/episode-50-dr-leanne-stevens-associate-dean-academic>

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[bertrandlab/research](https://erinbertrand.wixsite.com/bertrandlab/research)

Brown J, Latham K, inventors; Daxsonics Ultrasound, INC., assignee. 2006 Jan. Systems and

methods of combined phased-array and Fresnel Zone plate beamforming employing delay-corrected Fresnel sub-apertures. Canadian patent CA 2996703.

Cox RA. 1999. Eclogite facies metamorphism of mafic and ultramafic rocks in the Tshenukutish

terrane, Manicouagan Imbricate Zone, eastern Grenville Province [dissertation]. Memorial University of Newfoundland.

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Annu Rev Anal Chem. 17:313-338. <https://doi.org/10.1016/j.neuroscience.2016.10.054>

[CSA] Canadian Space Agency. 2024 [modified 2024 Dec 16]. About the International Space

Station. <https://www.asc-csa.gc.ca/eng/iss/about.asp>

[CSE] Council of Science Editors, Style Manual Task Force. 2024. The CSE manual: scientific style and format for authors, editors, and publishers. 9th ed. University of Chicago Press. 816 p.

Dalhousie University. 2026 Jul 20. A landmark Dalhousie-led study, recently published in the New England Journal of Medicine, could reshape post-surgical care, showing a simpler approach after joint replacement may deliver comparable outcomes while lowering health-care costs. Facebook. <https://www.facebook.com/DalhousieU/>

Dalhousie University (@DalhousieU). 2019 Mar 27. Colonel (Ret.) Chris Hadfield has donated thousands of copies of his space photographs to #DalhousieU, and they're out of this world! On April 11th, join @DalLibraries at the launch the @Cmdr_Hadfield Space Photographs Collection: [bit.ly/2UWV545](https://www.facebook.com/DalhousieU/). Twitter.

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