

## List of Articles to Label

Note: Searching for articles by googling “female scientist”, “women in science”, “first woman to” etc will end up finding articles that fail the test since we end up inadvertently searching for test conditions.

## Checklist

The Finkbeiner test is a checklist proposed by freelance journalist Christie Aschwanden to help journalists avoid gender bias in media articles about women in science.[3] To pass the test, an article about a female scientist must not mention:

- That she is a woman
- Her husband's job
- Her childcare arrangements
- How she nurtures her underlings
- How she was taken aback by the competitiveness in her field
- How she is a role model for other women
- How she's the "first woman to ..."

Criteria from github (NOT FINAL, can be adjusted)

Finkbeiner Score: 0-4 Scale

0 = Perfectly neutral (focuses solely on research)

1 = Minor gender mention, or ‘defensible’ mention of gender as facet of overall work

2 = Moderate bias (unnecessary personal details, one or two examples)

3 = Strong bias (stereotypes about childcare, nurturing, 'first woman')

4 = Severe bias (focus is on gender, not science)

Instead please peruse through general articles about science from prominent publications and identify the ones referencing women, then label those based on the Finkbeiner test

Major websites:

<https://news.mit.edu/>

<https://phys.org/>

<https://www.nature.com/>

<https://www.science.org/>

<https://www.eurekalert.org/>

<https://news.harvard.edu/gazette/section/science-technology/>  
<https://news.stanford.edu/research-and-scholarship>  
<https://apnews.com/science>  
<https://www.reuters.com/science/>

MIT:

- <https://news.mit.edu/2025/john-marshall-erin-kara-postdoctoral-mentoring-award-1114>\*  
Discusses John Marshall and Erin Kara receiving mentoring award, while Kara is described as a caring mentor given the nature of the award I'm not necessarily sure it counts as gender bias (0)
- <https://news.mit.edu/2025/joy-of-life-sciences-mary-gallagher-1028>\*  
Describes Mary Gallagher as 'nurturing' the biology dept at MIT (1)
- <https://news.mit.edu/2025/mit-senior-turns-waste-from-fishing-industry-into-biodegradable-plastic-1112>\*  
No gender bias that I can identify, describes Jacqueline Prawira's work on biodegradable plastics (0)
- <https://news.mit.edu/2023/professor-emerita-evelyn-fox-keller-dies-0925>\*  
Obituary for Evelyn Fox Keller, calls her 'trailblazing', but given that it discusses her own work about gender bias in science I'm not sure bringing it up is in itself biased (1)
- <https://news.mit.edu/2023/remembering-professor-judy-hoyt-1208>\*  
Obituary for Judy Hoyt, mentions "passionate loyalty to her students and her family" but mostly standard obituary fare. "Throughout her academic career, Hoyt was a dedicated teacher and mentor to her students at both Stanford and MIT, many of whom went on to distinguished careers in the semiconductor industry." So maybe mild gender bias on the 'nurturing' point? (1)
- <https://news.mit.edu/2024/professor-emerita-mary-lou-pardue-dies-0621>\*  
Obituary for Mary Lou Pardue, who "paved the way for women in science" ding ding ding (3)
- <https://news.mit.edu/2024/jane-jane-chen-model-scientist-1009>\*  
Discusses Jane-Jane Chen, an "authority on blood cell development": "But the journey to becoming a respected scientist, with many years of notable National Institutes of Health (NIH) and National Science Foundation-funded research findings, would require Chen to be uncommonly determined, to move far from her childhood home, to overcome cultural obstacles — and to have the energy to be a trailblazer — in a field where barriers to being a woman in science were significantly higher than they are today." (3)

- <https://news.mit.edu/2024/mit-welcomes-frida-polli-visiting-innovation-scholar-1219>\*  
Discusses Polli's work with Rosalind Ventures, a women in STEM program, and her status as "advisor at the Buck Institute's Center for Healthy Aging in Women". Additionally the article mentions that she "was recognized as one of Inc.'s Top 100 Female Founders in 2019, followed by being named to Entrepreneur's Top 100 Powerful Women in 2020, and to the 2024 list of 100 Brilliant Women in AI Ethics." Kind of an edge case, little other gender bias. Reporting on her advisor status/etc is probably fine but highlighting "Top 100 Powerful Women" is a bit interesting (2)
- <https://news.mit.edu/2025/studying-war-new-nuclear-age-caitlin-talmadge-1028>\*  
Profile of Caitlin Talmadge, who studies nuclear security. As far as I can tell, no gender bias (0)
- <https://news.mit.edu/2025/darcy-mcrose-mehtaab-sawhney-named-packard-fello-1015>\*  
Discusses work of molecular biologist Darcy Mcrose. As far as I can tell, no gender bias (0)
- <https://thereader.mitpress.mit.edu/in-conversation-with-nobel-laureate-frances-arnold/>\* "woman in science" "at the time it was unusual for a woman to be in this field" "you were the first woman to receive the millennium prize for technology" "some woman have had to deal with sexual harrassment. how did you deal with it?" (3)
- <https://news.mit.edu/2025/3-questions-yunha-hwang-using-computation-study-worlds-best-single-celled-chemists-1215>\* (0) no obvious bias
- <https://news.mit.edu/2019/zuber-awarded-gerard-kuiper-prize-planetary-sciences-0531>\* "Zuber became the first woman to lead a NASA spacecraft mission as principal investigator of the Gravity Recovery and Interior Laboratory (GRAIL) mission" (2)
- <https://news.mit.edu/2019/angela-belcher-named-biological-engineering-department-head-0225>\* "When Belcher takes on her new position, the MIT School of Engineering will have a record high number of women on Engineering Council. They include Paula Hammond, head of the Department of Chemical Engineering; Anette "Peko" Hosoi, associate dean of the School of Engineering; Asu Ozdaglar, head of the Department of Electrical Engineering and Computer Science; and Evelyn Wang, head of the Department of Mechanical Engineering. Four of the School of Engineering's eight departments will be led by women." (2)
- <https://news.mit.edu/2019/lisa-peattie-dusp-professor-emerita-dies-0114>\* "She was one of the first female faculty members to gain tenure at MIT." (1)
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- <https://news.mit.edu/2025/lisa-su-mit-2026-commencement-address-1211>\* Announces that Lisa Su, CEO of AMD, will deliver commencement address. Mostly gender-neutral, but mentions “In her current position, Su is a member of a small group: Only about 10 percent of Fortune 500 companies have female CEOs.” (1)
- <https://news.mit.edu/2025/jennifer-lewis-dresselhaus-lecture-printing-soft-and-living-matter-1209>\* Lecture by Jennifer Lewis about 3d printing human tissue (abominations of modernity beyond human comprehension). Mentions influence of Mildred S. Dresselhaus, “In closing, Lewis reflected on Dresselhaus’ positive impact on her own career. “I want to dedicate this [talk] to Millie Dresselhaus,” said Lewis. She pointed to a quote by Millie: “The best thing about having a lady professor on campus is that it tells women students that they can do it, too.” Lewis, who arrived at MIT as a materials science and engineering graduate student in the late 1980s, a time when there were very few women with engineering doctorates, noted that “just seeing someone of her stature was really an inspiration for me. I thank her very much for all that she’s done, for her amazing inspiration both as a student, as a faculty member, and even now, today.” Not entirely sure how to grade this since the mentions of gender comes from her speech - I guess I’ll do (1) but it’s an edge case
- <https://betterworld.mit.edu/spectrum/issues/fall-2025/music-on-the-brain/>\* Article about grad student Claire Southard, as far as I can tell no bias (0)
- <https://betterworld.mit.edu/spectrum/issues/fall-2025/where-the-ocean-and-atmosphere-communicate/>\* Article about Professor Abigail Bodner’s work on fluid dynamics, as far as I can tell no bias (0)
- <https://betterworld.mit.edu/spectrum/issues/fall-2025/lucy-kanias-26-savors-the-full-mit-experience/>\* Article about Lucy Kanias, an undergrad Chem Engineering major, as far as I can tell no bias (0)
- <https://news.mit.edu/2025/3-questions-mihaela-papa-addressing-world-challenges-0930>\* No obvious bias (0)
- <https://news.mit.edu/2025/3-questions-caroline-uhler-biology-medicine-data-revolution-0902>\* No obvious bias (0)
- <https://news.mit.edu/2025/faces-mit-ylana-lopez-0627>\* No obvious bias (0)
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phys.org:

- <https://phys.org/news/2025-10-award-nigerian-agronomist-cassava-revolution.html>\* Describes Mercy Diebiru-Ojo as an “inspiration... especially for the women in agriculture.” (1)
- <https://phys.org/news/2025-09-balzan-prizes-million-awarded-democracy.html>\* Describes Rosalind Krauss as “one of the world’s most acclaimed female scholars” (1)

- <https://phys.org/news/2020-10-nobel-prize-chemistry-awarded-charpentier.html>\* Pretty good – discusses a lot of their background without failing, but includes a section saying it's the fourth time that a Nobel prize in the sciences was given exclusively to women, and describing the other three times. (1)
- <https://phys.org/news/2022-07-ukrainian-mathematician-awarded-prestigious-fIELDS.html>\* Discusses work of Ukrainian mathematician Maryna Viazovska, no gender bias (0)
- <https://phys.org/news/2019-03-abel-prize-maths-awarded-woman.html>\* Just read the title (3)

#### Misc

- <https://www.the-scientist.com/jane-goodall-renowned-primatologist-and-conservationist-dies-at-91-73540>\* Jane Goodall Obituary, uses terms that the test should catch (caring, familial, etc) but not about Goodall. Does mention that she's a woman. (1)
- <https://www.theguardian.com/science/2018/oct/20/nobel-laureate-donna-strickland-i-see-myself-as-a-scientist-not-a-woman-in-science>\* “Strickland met her future husband, the electrical engineer and scientist Doug Dykaar, at university” (1)
- <https://courier.unesco.org/en/articles/ada-e-yonath-challenge-science-climbing-mount-everest>\* interviewer asks the scientist “Has being a woman made your path more difficult?” (1)
- <https://newsroom.ucla.edu/releases/andrea-ghez-wins-2020-nobel-prize-in-physics>\* “She was the first woman to receive the Royal Swedish Academy of Sciences’ Crafoord Prize and was named a MacArthur Fellow in 2008.” (1)
- <https://www.theglobeandmail.com/news/national/mcgill-astrophysicist-is-first-woman-to-win-canadas-top-science-award/article28762732/>\* Mentions that she's the first woman to win this award multiple times (including in the title), “It signals to girls and young women that science is exciting...” (2)
- <https://president.temple.edu/news/2024/03/nobel-prize-winner-katalin-kariko-lectures-campus>\* “first woman” (1)
- <https://news.usuhs.edu/2023/10/new-nobel-prize-in-medicine-winner.html>\* “the 61st woman to ever be named a Nobel Laureate” (1)
- <https://www.synthego.com/blog/gene-editing-nobel-prize/>\* “So much has been said about these two incredible scientists, who recently became the sixth and seventh women to win the Nobel Prize in Chemistry” (1)
- <https://www.europeanwomeninmaths.org/crafoord-prize-to-claire-voisin/>\* “first woman in maths” (2)
- <https://medium.com/sci-illustrate-stories/linda-buck-d890abeb8438>\*\* “linda married fellow scientist roger brent in 2006, who she had known for twelve years” (2)
- <https://www.science.org/doi/full/10.1126/science.295.5557.960>\*\* (4) one of the worst ive seen, mentions her husband, mentions her as both a mother and a grandmother, mentions her “raising four phd students”, etc.

- <https://www.mcgill.ca/newsroom/channels/news/astrophysicist-vicky-kaspi-wins-top-cdn-science-prize-258612>\* first woman narrative (1)
- <https://www.ans.org/news/article-2088/the-mother-of-radiation-marie-curie/>\* doesn't focus on marie curies actual revolutionary contributions to science and largely is focused on gender (4)
- <https://pmc.ncbi.nlm.nih.gov/articles/PMC11472862/>\* "first woman", "highlights ... overcoming significant gender based challenges", "paved the way for future generations of researchers, particularly women in science", gives a whole thinkpiece on her experiencing discrimination because of her gender. 3
- <https://www.ams.org/giving/honoring/mirzakhani>\* obituary that mentions "only woman to win fields medal" 2
- <https://www.britannica.com/biography/Maryam-Mirzakhani>\* "first woman" and mentioned someone else as being "second woman" 2
- <https://www.beyonddcurie.com/maryam-mirzakhani>\* "the woman who made mathematics history", says "first woman" twice. 2
- <https://mathwomen.agnesscott.org/women/mirzakhani.htm>\* "first woman" 2
- <https://mathshistory.st-andrews.ac.uk/Biographies/Mirzakhani>\*\* "first woman" 2
- <https://www.acs.org/education/whatischemistry/women-scientists/gerty-theresa-cori.html>\* "first woman", "one of few women to enter medical school" 2
- <https://www.nobelprize.org/stories/women-who-changed-science/gerty-cori/>\* "Gerty Cori and her husband, Carl, received the Nobel Prize in Physiology or Medicine in 1947; she was the first woman to do so" (2)
- <https://www.loreal.com/en/articles/commitments/professor-lidia-morawska/>\* "a woman of conviction" "define her vision as a woman scientist" 2
- <https://itif.org/person/michelle-simmons/>\* "first female quantum physicist admitted to the Royal Society of London" 2
- <https://www.aip.org/news/svetlana-jitomirskaya-wins-2020-dannie-heineman-prize-mathematical-physics>\* "second woman to receive this award" (2)
- <https://news.uci.edu/2019/10/22/uci-distinguished-professor-wins-dannie-heineman-prize-for-mathematical-physics/>\* "She is only the second woman to receive the annual prize – and the first to receive it alone, not jointly" (2)
- <https://www.aip.org/aip/awards/priyamvada-natarajan-wins-2025-dannie-heineman-prize-for-astrophysics> "first woman" 2
- <https://news.yale.edu/2025/01/16/natarajan-wins-2025-dannie-heineman-prize-astrophysics> passes , 0
- <https://www.timeshighereducation.com/research/tecnologico-de-monterrey/janet-gutierrez-food-research-can-transform-health-and-entrepreneurship> interviewer asks question "as a female researcher and leader.." (2)

- <https://www.geosociety.org/GSA/GSA/Awards/2019/penrose.aspx> “modest young woman” 1
- <https://dyslexia.yale.edu/story/carol-greider-ph-d/> “Dr. Carol Greider is one of the three winners of the 2009 Nobel Prize in Physiology or Medicine, joining just eleven other women in winning the Prize since its inception in 1901” (1)
- <https://www.mcgill.ca/neuro/about/brenda-milner> unnecessary mention of her husband and his occupation. 2
- <https://royalsociety.org/people/sarah-otto-36798/> pass! 0
- <https://www.amacathera.com/dr-molly-shoichet> pass! 0
- <https://aeespfoundation.org/distinguished-lecture-series/2023-24> pass! 0
- <https://www.openplastic.com/team/elizabeth-edwards> pass! 0
- <https://www.isscr.org/isscr-news/janet-rossant-takes-the-helm-at-isscr-stem-cell-reports-as-editor-in-chief> pass! 0
- <https://www.gairdner.org/bio/janet-rossant> pass! 0
- <https://nationalmedals.org/laureate/elaine-fuchs/> pass! 0
- <https://www.simonsfoundation.org/people/elaine-fuchs/> pass! 0
- <https://blogs.ubc.ca/holocaustliterature/articles/martha-salcudean-the-journey-of-persistence-to-trailblazing/> “first woman”, “only woman”, “pioneer in engineering field for women”, “trailblazer for women”, etc. (3)
- <https://thecanadianencyclopedia.ca/en/article/martha-salcudean> “first woman” “first female” etc (3)

#### new york times

- <https://www.nytimes.com/2018/10/02/science/donna-strickland-nobel-prize-physics.html>\*\* just read the title (2)
- <https://www.nytimes.com/2025/12/11/science/malaria-usaid-mosquitoes.html>\*\* Interview with Jenny Carlson Donnelly about her former job at USAID; no obvious gender bias (0)
- <https://www.nytimes.com/2025/11/20/climate/children-heat-pollution.html>\*\* Also avoiding bias, to the point where I wonder if it isn’t deliberately passing the test. (0)
- <https://www.nytimes.com/2025/11/06/science/lost-science-hecht-service-dogs.html>\*\* Yes, this whole series of NYT articles about USAID seems to be a firm Finkbeiner 0/4 and/or 0/7.



- <https://www.nytimes.com/2015/05/12/science/jennifer-doudna-crispr-cas9-genetic-engineering.html>\*\* mentions her husband unnecessarily (2)

## Harvard

- <https://news.harvard.edu/gazette/story/2025/10/you-see-saturns-rings-she-sees-hidden-number-theory/>\* passes with flying colors (0)
- <https://news.harvard.edu/gazette/story/2025/10/lauren-williams-awarded-macarthur-genius-grant/>\* Nope. Woman, Children, Inspirational (2)
- <https://news.harvard.edu/gazette/story/2025/10/she-had-a-sense-of-caring-for-everybody-that-she-encountered/>\* calls her empathetic and caring a whole bunch (2)
- <https://news.harvard.edu/gazette/story/2025/12/cracking-the-code-of-why-when-some-choose-to-self-handicap/>\* Article about Yang Xiang's work on "self-handicapping" - very focused on her work, no obvious bias (0)
- <https://news.harvard.edu/gazette/story/2025/11/salamanders-can-regrow-limbs-could-humans-someday/>\* Article about how salamanders regrow limbs. Very focused on the scientific work of Duygu Payzin-Dogru and Jessica Whited, no obvious bias (0)
- <https://news.harvard.edu/gazette/story/2025/10/her-science-writing-is-not-for-the-squeamish/>\* About science author Mary Roach and her writing about some of the grosser aspects of the human body, including the "alimentary canal" running from your mouth to your anus. No obvious bias (0)
- <https://news.harvard.edu/gazette/story/2025/10/lauren-williams-awarded-macarthur-genius-grant/>\* States that Williams "majored in mathematics at a time when there were no women on the department faculty", and that "her career has been a balancing act — sometimes quite literally. As a young professor, Williams had an infant who was a fitful sleeper and night after night, she and her husband took turns rocking the child to sleep by bobbing on a yoga ball." So, yeah, I would say pretty biased. (3)
- <https://news.harvard.edu/gazette/story/2025/09/it-feels-very-personal/>\* Article about Jessica Whited having her research honored by the first Trump admin and then having her budget cut by the second Trump admin. Woo 5D chess. There are few mentions of gender, but a sweet personal story about her motivations for studying limb regeneration and her background from Appalachia. (0)
- <https://news.harvard.edu/gazette/story/2025/01/susan-kuo-probes-role-of-genetics-in-schizophrenia-autism/>\* Article about Susan Kuo's work on the role of genetics in Autism and Schizophrenia, no obvious bias (0)
- <https://news.harvard.edu/gazette/story/2024/10/shedding-light-on-alcohols-long-shadow/>\* Article about Anna Shchetinina's work on Fetal Alcohol Syndrome. Discusses her encounters with various families during her time as a social worker



in Russia. No obvious Finkbeiner bias, but the opening line “The woman came in crying. She was disheveled and pregnant, and appeared to be intoxicated. She had a 5-year-old girl in tow and was looking for help from the crisis center where Anna Shchetinina volunteered.” is weird enough that I think I’ll give it a (1)

- <https://news.harvard.edu/gazette/story/2025/10/human-exceptionalism-is-at-the-root-of-the-ecological-crisis/>\* Article about Christine Webb’s new book “The Arrogant Ape”, about human hubris and anthropocentrism. No Finkbeiner bias (0)

#### stanford

- <https://med.stanford.edu/news/all-news/2025/09/shapiro-lasker.html>\* “first woman”, mentions her husband (2)
- <https://med.stanford.edu/news/all-news/2025/01/helen-blau-awarded-the-national-medal-of-science.html>\* “one of the first women to be hired on the tenure track in the basic sciences,” otherwise good (1)
- <https://med.stanford.edu/news/all-news/2023/10/thomas-car-t-award.html>\* Neutral (0)
- <https://med.stanford.edu/news/all-news/2022/04/brunet-lurie-prize.html>\* Neutral (0)
- <https://med.stanford.edu/news/all-news/2013/02/neurobiologist-awarded-sackler-price-for-achievement.html>\* “chosen for her pioneering work”, “the first woman to earn a PhD in neurobiology at Harvard, as well as the first woman to receive tenure at Stanford in the basic sciences” (1)
- <https://med.stanford.edu/news/all-news/2014/05/roberts-receives-award-from-american-psychiatric-association.html>\* Neutral (0)

#### Science News

- <https://www.sciencenews.org/article/erika-moore-uterine-fibroids-research>\* Neutral (0)
- <https://www.sciencenews.org/article/adeene-denton-pluto-moon-formation>\* Neutral (0)
- <https://www.sciencenews.org/article/cat-camacho-brain-depression-anxiety>\* Makes a children joke (1)
- <https://www.sciencenews.org/article/marianne-falardeau-arctic-indigenous>\* Neutral (0)
- <https://www.sciencenews.org/article/tracy-slatyer-dark-matter-universe>\* Mentions her working with a guy named... Douglas Finkbeiner (no relation I’m guessing?) No bias (0)
- <https://www.sciencenews.org/article/evolution-ants-plants-marjorie-weber-scientists-to-watch>\* “Weber didn’t see herself as a scientist when she was young. As a student growing up in Grosse Pointe, Michigan, she didn’t see examples of

women scientists, and she never thought about science as a career option. A biology course with spider scientist Greta Binford at Lewis & Clark College in Portland, Ore., changed everything.” “ She builds a supportive community and makes sure that everyone feels involved, he says. It’s a culture LoPresti has tried to mimic in his own lab.” (2)

- <https://www.sciencenews.org/article/human-evolution-lauren-schroeder-scientists-to-watch>\* (0) no obvious bias

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nature.com

- <https://www.nature.com/articles/d41586-024-00402-3>\* interviewer asks “you are the first woman to be awarded a Crafoord prize in mathematics. does this have special significance to you?” (3)
- <https://www.nature.com/articles/d41586-025-03841-8>\* Mentions that she’s a woman in the title (1)
- <https://www.nature.com/articles/d41586-025-03842-7>\* Neutral (0)
- <https://www.nature.com/articles/d41586-025-03838-3>\* Neutral (0)
- <https://www.nature.com/articles/d41586-025-03843-6>\* Neutral (0)
- <https://www.nature.com/articles/d41586-025-03846-3>\* Neutral (0) but it feels like it shouldn’t be lol

ScienceDaily

- <https://www.sciencedaily.com/releases/2025/12/251211100633.htm>\* Neutral (0)

TOTAL: (please update this when you label articles) 100

FOR M: 75

FOR E: 100