

Resources for Astronomy, Physics, and Earth Sciences

#BlackLivesMatter

This document is meant only to collect resources that already exist so that they're all on the same page for those looking (i.e. not looking to curate a reading list). Please [ping me on Twitter](#) if you'd like to help edit this OR if someone's already made this!

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[Strike for Black Lives Reading List](#)

"Who's released statements" lists are not endorsement or cosigning of those letters or the activities of these organizations and are left to the reader to critique.

Physics & Astronomy

Websites

- [Particles for Justice](#)
- [The National Society for Black Physicists](#)
- [African American Women in Physics](#)
- [AAS CMSA](#)
- [RAS Diversity](#)
- Space Science in Context ([ping me here](#) for full access)
- [Minorities in Astrophysics: Survival Strategies](#)

Readings/Viewings

- Reading lists
 - [Strike for Black Lives Reading List](#)
 - [#BlackInAstro: How Can We Support Black Astronomers?](#) from AstroBites
- Research papers
 - [Double jeopardy in astronomy and planetary science: Women of color face greater risks of gendered and racial harassment](#) (Clancy et al. 2017)
 - [Making Black Women Scientists under White Empiricism: The Racialization of Epistemology in Physics](#) (Prescod-Weinstein 2020)
 - [African Americans & Hispanics among Physics & Astronomy Faculty](#) (Ivie et al. 2014)
- [AAS 236, Session 114: Plenary Lecture: "The Inclusion Revolution,"](#) Dara Norman (no captions)
- [Definitions and explanations of keywords](#), Equity & Inclusion in Physics & Astronomy Facebook Group
- [Anti-Black racism in policing: what's it got to do with physics?](#) by Dimitri R. Dounas-Frazer

Reports & actionables

- [#BlackInAstro: How Can We Support Black Astronomers?](#) from AstroBites
- [The Time Is Now: Systemic Changes to Increase African Americans with Bachelor's Degrees in Physics and Astronomy \(report\)](#) - US

- [IOP: Academic Physics Staff in UK Higher Education Institutions \(2012\)](#) - UK
- Dr. Jess Wade's audits of UK physics awards:
<https://twitter.com/jesswade/status/1272854361966882821>

Who's released statements?

- [American Astronomical Society](#) - June 2
 - [#ShutDownStem endorsement](#)
 - AAS Division for Planetary Sciences (AAS DPS) - email
 - [Laboratory Astrophysics Division](#) - June 2
- [American Institute of Physics](#) - June 3
- [American Physical Society](#) - June 1
- [Institute of Physics](#)
- [National Society of Black Physicists](#) - June 2
- [The Planetary Society](#) - June 5
- [SETI Institute](#) - June 3

Earth Sciences

Websites

- [A Call to Action for an Anti-Racist Science Community from Geoscientists of Color: Listen, Act, Lead](#)
- Petition: [Call for a Robust Anti-Racism Plan for The Geosciences](#)

Readings

- Reading lists
 - [Strike for Black Lives Reading List](#)
 - [GeoReading for Equity](#) - reading library, introductory to whiteness/diversity; resources for leading a reading group
 - [Women from some under-represented minorities are given too few talks at world's largest Earth-science conference](#)
 - [MS PHD'S: Inspiring Minorities in the Earth Sciences](#)
- Research papers
 - [Race and racism in the geosciences](#) by Kuheli Dutt
 - .
- [Why Every Environmentalist Should Be Anti-Racist](#) by Leah Thomas

Reports & actionables

- .

Who's released statements?

- [American Meteorological Society](#)
 - [#ShutDownSTEM endorsement](#)
- [American Geophysical Union](#) - May 31
- [Geochemical Society](#) - June 4
 - [Town Hall Discussion: Black Lives Matter-Promoting Diversity, Equity, and Inclusion in Geochemistry](#) - June 12 (noon PDT, 3 pm EDT, 9 pm CET)
- [Geological Society](#) - June 2 - Twitter

- [GSA](#)
- [Natural History Museum, London](#)
- [SVP](#)
- [PalAss](#)
- [Paleontological Soc](#)
- [SACNAS](#)
- [Geolatinas](#)
- [Earth Science Womens Network](#)
- [Time Scavengers](#)
- Section groups within societies (e.g. [GSA geobiology](#), [AGU Biogeosciences](#), [AGU EPSP](#))
- [Entomological Society of America](#)
- [American Association of Geographers](#)
- [Ecological Society of America Soil Ecology Section](#)
- [The Micropalaeontological Society](#) - Twitter, June 3

STEM/Academia (broadly)

Websites

- [Shut Down STEM](#)
- [Science for the People](#)
- [Free Radicals](#)
- [VanguardSTEM](#)
- [Data for Black Lives](#)
- [White Coats for Black Lives](#)
- [Academics for Black Survival and Wellness](#)
- [Academics for Black Lives](#)

Readings

- [What Black scientists want from colleagues and their institutions](#) (Nature)
- [Strike for Black Lives Reading List](#)
- [Diversity, Equity, and Inclusion Resources](#) from LTER (ecology)
- [Double Jeopardy? Gender Bias Against Women of Color in Science](#) (Williams et al. 2014)
- [The People's Science: A Call for Justice Based Ethics for the March for Science & Beyond](#)
- [Zapatista ConScience Declaration](#)
 - [Zapatistas Reimagine Science as Tool of Resistance](#) by Free Radicals
- [From the March for Science to an Abolitionist Science](#) by Brian Rusert
- [The Renaissance of Intellectual Racism](#) by Nicole Hemmer
- [Black Protest, White Backlash, and the History of Scientific Racism](#) by Christopher Petrella and Justin Gomer
- [We Are the Scientists Against a Fascist Government](#) by Chanda Prescod-Weinstein, Sarah Tuttle, and Joseph Osmundson
- [How #BlackInTheIvory put a spotlight on racism in academia](#) Q&A with Shardé Davis and Joy Melody Woods
- #BirdingWhileBlack
 - [The joys and challenges of exploring nature while black](#)
 - ['Black Birders Week' Promotes Diversity and Takes on Racism in the Outdoors](#) - Audubon Society.
 - ['Black Women Who Bird' Take the Spotlight to Make Their Presence Known](#) - Audubon Society

- [Black Birding Is About Hope](#)
- [‘I can’t even enjoy this.’ #BlackBirdersWeek organizer shares her struggles as a black scientist](#) - Science Mag.
- [Anti-Racism Resources for STEM communities](#)
- Research papers
 - [15/16-Year-Old Students’ Reasons for Choosing and Not Choosing Physics at a Level](#) by Jennifer DeWitt et al
 - [Who Aspires to a Science Career? A comparison of survey responses from primary and secondary school students](#) by Jennifer DeWitt & Louise Archer
 - [Is Science for Us? Black Students’and Parents’ Views of Science andScience Careers](#) by Louise Archer et al.

Reports & actionables

- Academics For Black Lives (<https://www.academics4blacklives.com/>): workshop for non-Black academics.
 - Day 1: <https://www.academics4blacklives.com/day-1-a4bsw>
- Free Radicals [Research Justice Worksheet](#) for researchers
- [Ten Simple Rules for Building an Anti-Racist Lab](#) by Bala Chaudhary and Asmeret Berhe
- [Tips for easing the service burden on scientists from underrepresented groups](#) (Science Mag) by Neil A. Lewis, Jr., Jay J. Van Bavel , Leah H. Somerville
- [Racial and gender biases plague postdoc hiring](#) by Katie Langin
- [White Academia: Do Better \(Medium\)](#) by Jasmine Roberts
- [How To Make a Real Commitment to Diversity](#) by Dr. Chanda Prescod-Weinstein
- UK-specific:
 - [Support BAME / Black Academics: Ladders4Action & BAMEWA Call for Action](#) - UK
 - [The Broken Pipeline – Barriers to Black PhD Students Accessing Research Council Funding](#) - UK
 - [Longitudinal research project studying young people's science and career aspirations](#) UK (UCL/Kings College)

Who’s released statements?

STEM- or academia-wide institutions and funding bodies

- [UK Research and Innovation](#), June 9