

## Scientists to Spotlight: biographies and potential media sources

[Scientists to Spotlight: resources associated with lessons and/or media - all biology/STEM](#)

### **Project Diversify** - Biology only

<https://projectbiodiversify.org/examples/>

“A repository of teaching materials and methods aimed at enhancing human diversity and inclusivity in biology courses...People – including students and biologists – exhibit a diverse set of [backgrounds and identities](#). However, most biology students are not exposed to a diversity of role models in the field of biology, and many students are taught about biology in a way that (often unintentionally) does not feel inclusive to them r their communities.”

**About this resource:** Can search for featured scientists by biological discipline or identity. Entries include 3 slides: researcher profile, study system, and a key figure. There are additional notes to go with slides and sometimes interview responses with contemporary researchers, though site also includes historically overlooked scientists of diverse backgrounds.

### **Scientist Spotlights Initiative** - all STEM disciplines

<https://scientistspotlights.org/spotlight-search/>

“The Scientist Spotlights Initiative empowers middle/high school, college, and university science educators to implement inclusive curricula that help ALL students see themselves in science. We provide access to easy-to- implement assignments/activities that link course content to the stories of counter-stereotypical scientists.” More about the project here: <https://scientistspotlights.org/about-us/>.

**About this resource:** Can search for featured scientists by content area or grade level of lesson. The page for each scientist features a short bio and links to resources (articles, videos, podcasts) related to the scientist and their research. For each, there is also a common worksheet for download that consolidates these links and information about the scientist.

### **iBiology** - all Biology

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

iBiology’s mission is to convey, in the form of open-access free videos, the excitement of modern biology and the process by which scientific discoveries are made. Our aim is to let you meet the leading scientists in biology, so that you can find out how they think about scientific questions and conduct their research, and can get a sense of their personalities, opinions, and perspectives. We also seek to support educators who want to incorporate materials that illustrate the process and practice of science into their curriculum.

**About this resource:** Collection of videos of research talks (organized by discipline or theme) and videos profiling or interviewing scientists of all biology disciplines. Also includes some short films about how scientific discoveries are made and their broader implications for society.

**People behind the science podcasts** - all STEM disciplines

<http://www.peoplebehindthescience.com/browse-interviewed-scientists/>

“People Behind the Science’s mission is to inspire current and future scientists, share the different paths to a successful career in science, educate the general population on what scientists do, and show the human side of science.”

**About this resource:** Site links to 30-40 min podcast interviews with scientists from all disciplines; link is to searchable table of scientists featured organized by discipline. Does not only feature scientists of diverse backgrounds so more research will be necessary. On podcast page for each scientist you can find a short biography and photo.

**SACNAS Biography Project** - all STEM disciplines

<https://www.sacnas.org/sacnas-biography-project/>

“You can be what you can’t see...it’s just a lot harder... That’s why we started the SACNAS Biography Project—an online archive of first-person stories by and about Chicano/Hispanic and Native American scientists with advanced degrees in science.”

**About this resource:** Can search biographies by discipline or ethnicity. Pages include a biography of each scientist in their own words, describing their background and pathway to science.

[Scientists to Spotlight: resources associated with lessons and/or media - by subdiscipline](#)

**Black History Month - British Ecological Society**

<https://www.britishecologicalsociety.org/black-history-month/>

“We are excited to present a month-long blog series from our journals which aims to promote and profile the work of Black ecologists and ecological practitioners. This is just the beginning of our plans to provide more of a platform for Black ecologists, not just during Black History Month but as part of our ongoing commitment to promote Black voices in our community.”

**About this resource:** A series of blog posts in which Black ecologists respond to questions about their experiences, research, and background. Not just UK ecologists.

**Rainbow Research - Pride Month 2021 - British Ecological Society**

<https://animalecologyinfocus.com/2021/06/11/rainbow-research-nature/>

“Our journals are publishing Rainbow Research, a series of blog posts which aims to promote visibility of researchers from the LGBTQ+ community. Each post, published throughout the month of June, follows a theme represented by the colours shown in the Progress Pride flag.”

**About this resource:** A series of blog posts written by members of the LGBTQ+ community.

### **Ecology & evolution scientist spotlight**

<https://mediakron.bc.edu/scientistspotlight/scientist-spotlight-pages>

“These "Scientist Spotlight" interviews are a part of [Heather Olins'](#) Introduction to Ecology and Evolution course at Boston College (BIOL2010). The goals of the project are to introduce students to a wide variety of career trajectories within ecology and evolutionary biology and simultaneously highlight a diverse group of engaging scientists.”

**About this resource:** Pages often include video interview of the scientist conducted by Dr. Heather Olins and links to other media featuring the scientist including websites, podcasts, and videos.

### **Diversifying and Decolonizing the Syllabi in Life and Environmental Sciences**

[https://docs.google.com/document/d/1Pjsc8Kj27SbldF7mYInFlw0s8dMQwm\\_NpYXurcE4FdU/edit#heading=h.fy8pd3h96ygx](https://docs.google.com/document/d/1Pjsc8Kj27SbldF7mYInFlw0s8dMQwm_NpYXurcE4FdU/edit#heading=h.fy8pd3h96ygx)

“We have compiled a google spreadsheet with resources, and we recommend incorporating these resources to highlight BIPOC contributions and voices.”

**About this resource:** Links to a Google spreadsheet with links to papers on topics related to diversity or social justice in the life and environmental sciences with information on identity of authors; highlights some influential BIPOC scientists in environmental science, ecology, and conservation.

### **Black in Marine Science**

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

“In our continued effort to highlight and amplify Black voices we have created 2 [YouTube series](#) that air Fridays at 10 am PST/1 pm EST and Saturdays at 8 am PST/11 am EST. These series, [BIMS Bites](#) and [BIMS Bites Kids](#), will focus on small “bites” of marine science topics presented by Black scientists in order to communicate science worldwide! For those looking for a deeper dive into marine science join us on the last Friday of every month 6-7 pm EST/3-4 PST for our [BIMS Dives](#) conversation series featuring a prominent Black scientist answering questions on the most pressing ocean issues.”

**About this resource:** YouTube BIMS Bites series [here](#). 5 minute videos of a Black scientist presenting a topic in marine science.

## **Black in Ento**

<https://www.blackinento.com/profiles.html>

“Following in the new tradition of Black scientists creating inspiration and advocacy weeks (#BlackBirdersWeek, #BlackinMarineScience, #BlackinNeuro, and so many others), us Entomologists have decided it is our time.”

**About this resource:** Short biographies and links to social media.

## **Interviews with invertebrates - Black in STEM series**

<https://interviewswithinvertebrates.com/tag/black-in-stem-series/>

**About this resource:** Science comics featuring work of Black invertebrate biologists. Links to their websites and research publications that inspired the comics.

## **Growing Black Roots series - Black Botanists**

<https://blackbotanistsweek.weebly.com/growing-black-roots-series.html>

“A groundbreaking FREE virtual lecture series highlighting Black Botanists who will inspire others to pursue a career in plants and highlight pathways to diversity and inclusion in botanical sciences.”

**About this resource:** A series of talks (>1 hr each) by Black researchers. Each talk has accompanying teacher resources that include a complete lesson plan and powerpoint presentation.

## **Botanical Society of America Spotlight Series**

<https://cms.botany.org/home/careers-jobs/careers-in-botany/bsa-spotlight-series.html>

The BSA Spotlight Series, created and run by the BSA Student Social Media Liaisons, highlights early career scientists in the BSA community. ...The spotlight series shares both scientific goals and achievements, as well as personal interests of the botanical scientists, so you can get to know your BSA community better.

**About this resource:** Short biographies and interview questions featuring early career scientists.

[Scientists to Spotlight: resources for identifying scientists of diverse identities](#)

## **Canadian Black Scientists Network**

<https://www.blackscientists.ca/members-allies>

“We are Black-identifying people possessing or pursuing advanced degrees in STEM (Science, Technology, Engineering, Mathematics or Medicine/Health), living in Canada or Canadians living abroad. We welcome those engaged in fundamental or applied research, STEM practitioners, and those in leadership or STEM-adjacent careers from across sectors.

**About this resource:** A list of scientists with field and position (graduate student, postdoctoral researcher, professor) and links to their professional websites.

### **Diversify EEB - Ecology and Evolution**

<https://diversifyeeb.com/>

“Highlighting ecologists and evolutionary biologists who are women or underrepresented minorities.”

**About this resource:** Table that can be sorted by subfield, ecology/evolution, career stage, identity. Includes links to websites, emails

### **Black Plant Scientists - a twitter thread**

[https://twitter.com/K\\_Bioguy\\_Cox/status/1358471291930558472](https://twitter.com/K_Bioguy_Cox/status/1358471291930558472)

**About this resource:** Kevin Cox highlighted an early career black botanist/plant scientist every day of February 2020 via Twitter

### **Black in Genetics**

<https://www.blackingenetics.com/profiles>

Scroll through the profiles below to learn more about excellent Black geneticists, genetic counselors, educators, and more. Use the search function to find people from specific universities or who are interested in specific topics, or explore profiles by tags.

**About this resource:** Short bios including research interests, affiliations,

### **Black in Neuro**

<https://www.blackinneuro.com/member-directory>

Our mission is to diversify the neurosciences by building a community that celebrates and empowers Black scholars and professionals in neuroscience-related fields.

**About this resource:** Searchable table with research interests

**Finally, if you find a scientist you want to spotlight who is not on any of the above resources, Google them! You might uncover a short YouTube video of them presenting their research, an interview or podcast featuring them, etc. Checking their social media is another way to uncover some useful resources related to them and their work.**