

Annotated Bibliography

Primary Sources

“American Institute for the Prevention of Blindness.” *American Institute for the Prevention of Blindness*, www.blindnessprevention.org/communityop.php.

This is a pdf I used as a picture on my website. It explains community ophthalmology and helped me understand why it is an important part of hospital-based care for underserved populations.

Bath, Eraka. “Dr. Patricia Bath Scholarship.” *Dr. Patricia Bath Scholarship*, www.gofundme.com/f/8exptw-dr-patricia-bath-scholarship.

This is a picture that I used on my website. It shows Patricia Bath.

Bath, Patricia Era. *Apparatus for Ablating and Removing Cataract Lenses.*

Patricia Bath received a patent for her Laserphaco Probe. I was able to view the patent and I learned how the device she made work. Bath received multiple patents for her invention.

Bath, Patricia Era. *Prevalence of Blindness According to Race, 1968-1970.* American Institute for the Prevention of Blindness, www.blindnessprevention.org/designimages/comunityop/bigcomop1.pdf.

I used a picture of a graph from this on my website. It shows how different the rates of blindness were between blacks and whites at the time.

Bath, Patricia Era. *United States Patent Bath.* 6 July 1999.

I used a picture of this patent on my website. This patent was given to Patricia Bath for her invention of the Laserphaco Probe.

“Dr. Bath Describes Laserphaco Invention at 1987 ASCRS Convention.” *Youtube*, 30 Dec. 2015, youtu.be/TnoQDmYTEnc.

I used this video of Patricia Bath talking about her invention on my website. Although it is very technical, I was able to better understand how the probe helped people with cataracts.

“Mason Report.” *Mason Report*, 2AD, www.masonreport.com/blackhistorymonth/patriciabath.

This is a picture I used on my website. It shows Patricia Bath sitting in an office.

“NVISION.” *NVISION*, www.nvisioncenters.com/cataracts/natural-remedies/.

The removal of cataracts was a large part of my topic. I used this picture on my website to show what it looks like to have a cataract on the eye.

Oland, Skylar. “Sutori.” *Sutori*,
www.sutori.com/story/patricia-era-bath--ujF1y59GtPk6opTUNhcJHrgW.

This is a picture I used on my website. It shows Patricia Bath as an adult and as a child.

Oswald, Alison. “Lemelson Center for the Study of Invention and Innovation.” *Lemelson Center for the Study of Invention and Innovation*, 6 June 2019,
invention.si.edu/remembering-dr-patricia-bath.

I used this picture of Patricia Bath speaking on my website.

“Patricia Bath On Being The First Person To Invent & Demonstrate Laserphaco Cataract Surgery.” *Patricia Bath On Being The First Person To Invent & Demonstrate Laserphaco Cataract Surgery*, 30 Oct. 2017,
www.youtube.com/watch?v=gcE_QMTBNW4&feature=youtu.be.

Watching this video allowed me to learn more about Patricia Bath’s life. Since it was Bath talking, I was able to learn her thoughts on what she thinks about her own life. There were also several good quotes from this video that I used on my website.

“UCLA Newsroom.” *UCLA Newsroom*, 5 June 2019,
newsroom.ucla.edu/stories/dr-patricia-bath-physician-inventor.

This is another picture of Bath at UCLA that I used on my website.

Secondary Sources

American Institute for the Prevention of Blindness, 2016,
www.blindnessprevention.org/index.php.

This is the website for the American Institute for the Prevention of Blindness. I learned about the AIPB's current missions and goals.

Bailey, Gretchyn. "Cataracts: 3 Common Types, Causes, Symptoms and Treatments." *All About Vision*, June 2019, www.allaboutvision.com/conditions/cataracts.htm.

From this article I learned about the three different types of cataracts. I also learned about some of the causes of cataracts.

**"Cataract." *American Optometric Association*,
www.aoa.org/patients-and-public/eye-and-vision-problems/glossary-of-eye-and-vision-conditions/cataract.**

The main thing I discovered from this article was why cataracts affect vision. I also learned other details about cataracts.

**"Cataract Treatment Inventor Dr. Patricia Bath Dies at 76." *AP*, 4 June 2019,
apnews.com/eec961c923424394aac508dd753979d6.**

There were many articles published about Bath after she died. This article helped me understand some of the things her daughter said about her. She mentions that her mother came from humble roots and was a casual person who wasn't pretentious.

**"Cataracts." *Mayo Clinic*,
www.mayoclinic.org/diseases-conditions/cataracts/symptoms-causes/syc-20353790.**

This was another article on cataracts. From this article, I learned what a cataract looks like and what some of the symptoms are. Double vision in a single eye is one of the symptoms.

Chang, David F., and Bryan S. Lee. *Cataracts: a Patient's Guide to Treatment*. Slack Incorporated, 2016.

By reading this article, I learned about how cataracts form. I also learned how fast cataracts grow.

**"Changing the Face of Medicine | Patricia E. Bath." *U.S. National Library of Medicine, National Institutes of Health*, 3 June 2015,
cfmedicine.nlm.nih.gov/physicians/biography_26.html.**

This information explained to me what her biggest obstacles were. I also learned what inspired her to be a physician.

**“Dr. Patricia Bath.” *The HistoryMakers*,
www.thehistorymakers.org/biography/dr-patricia-bath.**

Bath was growing up during the Civil Rights era. This article taught me that she met Dr. Martin Luther King Jr.. I also learned that she earned one of her patents on May 17, 1988. Another thing I learned was that her daughter was born in 1972.

Garland, Paul E., and Bret L. Fisher. *Cataract Surgery: a Guide to Treatment*. Addicus Books, 2015.

From this article, I learned where the word cataract came from. It comes from ancient roots of the Greek and Latin terms for waterfall due to people thinking the clouding of vision was caused by something flowing over their eyes.

**Genzlinger, Neil. “Dr. Patricia Bath, 76, Who Took On Blindness and Earned a Patent, Dies.” *The New York Times*, The New York Times, 4 June 2019,
www.nytimes.com/2019/06/04/obituaries/dr-patricia-bath-dead.html.**

Reading this article, I learned that she died in San Francisco on a Thursday. I also learned the names of the people she co-founded the American Institute for the Prevention of Blindness with.

**Glover, Steven. “Patricia Bath and the Laserphaco Probe.” *LaserChirp*, 24 Feb. 2016,
www.laserchirp.com/2016/02/patricia-bath-and-the-laserphaco-probe/.**

This website taught me when she completed the Laserphaco Probe. I also learned that she was elected to the Hunter College Hall of Fame.

**“Howard University.” *Howard University, Fire*,
www.thefire.org/schools/howard-university/.**

This is a picture I used on my website. It is Howard University’s symbol.

**“Hunter College.” *Hunter College, Society of Behavioral Sleep Medicine*,
behavioralsleep.org/index.php/society-of-behavioral-sleep-medicine-providers/member-providers/training-sites/308-hunter-college.**

This is a photo I used on my website. It is Hunter College’s logo.

**“Lessons I’ve Learned.” *The Ophthalmologist*,
theophthalmologist.com/business-profession/lessons-ive-learned.**

From this website, I learned about Bath's life in quotes. Unfortunately, I couldn't access the entire thing.

Levi, Anthea. "This Inspiring Woman Pushed Past Bias and Barriers to Invent Laser Cataract Surgery." *Health.com*, 8 Sept. 2017, www.health.com/eye-health/patricia-bath-cataract-surgery.

Reading this website helped me to learn about the discrimination Bath faced throughout her career and how she overcame it. I learned how she feels about the discrimination she faced.

Mccarthy, Kelly. "Ground Breaking African American Female Doctor Says She Had to 'Shake off Haters' on Her Way to Success." *ABC News*, ABC News Network, 26 Feb. 2018, abcnews.go.com/GMA/Wellness/revolutionary-ophthalmologist-dr-patricia-bath-shake-off-haters/story?id=53357320.

This article detailed when Bath was recognized by President Barack Obama. He appointed her to his commission for digital accessibility for the blind. I also found many useful quotes from this article.

Nijm, Lisa M. "Laserphaco Probe Inventor Patricia Bath, MD, Dies." *Healio*, www.healio.com/ophthalmology/cataract-surgery/news/online/%7B401190c4-82c0-4628-acba-1482d81345f7%7D/laserphaco-probe-inventor-patricia-bath-md-dies.

Reading this source, I learned that she worked with Bartly Mondino. I also learned she retired in 1993, but continued to lecture.

"Patricia Bath (1942-2019)." *Black Past*, 29 Mar. 2009, www.blackpast.org/african-american-history/bath-patricia-1942/.

This website helped me learn basic background information about Bath, but it also helped me to learn about the many "firsts" she accomplished.

"Patricia Bath." *Biography.com*, A&E Networks Television, 10 Sept. 2019, www.biography.com/scientist/patricia-bath.

Reading this article helped me to learn about what drove her to do so well in school. I also learned that she attended a cancer research workshop and had her findings included in a scientific paper when she 16.

"Patricia Bath." *Famous Birthdays*, www.famousbirthdays.com/people/patricia-bath.html.

This article provided me with more background information on Bath. I learned that she authored over 100 academic papers. She also lectured in over four different continents.

“PATRICIA BATH.” *Global*, www.cpaglobal.com/women-innovators/patricia-bath.

This source was very helpful in teaching me about the impact of Bath’s actions. Thanks to her, many who would not have gotten eye treatment got it.

“Patricia Bath.” *Lemelson-MIT*, lemelson.mit.edu/resources/patricia-bath.

I learned that she earned one of her patents in December of 1988. I also discovered that her invention was approved for safety by the Food and Drug Administration in the US. Also, the American Institute for the Prevention of Blindness is abbreviated as AIPB.

“Patricia Bath.” *Patricia Bath | Jesus House*, www.jesushouse.org.uk/patricia-bath.

This was a quick summary of Bath’s life. I learned some interesting facts about her.

“Patricia Bath, Trailblazing Ophthalmologist Who Invented Cataracts Treatment, Dies at 76.” *The Washington Post*, 5 June 2019,
www.washingtonpost.com/local/obituaries/patricia-bath-trailblazing-ophthalmologist-who-invented-cataracts-treatment-dies-at-76/2019/06/05/f71829c4-879e-11e9-a870-b9c411dc4312_story.html.

From this website, I learned what community ophthalmology is. I also found some information on Bath’s childhood.

“The Right To Sight: Patricia Bath.” *Innovative Lives*,
invention.si.edu/innovative-lives-right-sight-patricia-bath.

This was a very interesting article that taught me that she worked with students from three different schools as part of an education program. I also learned that she said, “Do not allow your mind to be imprisoned by majority thinking. Remember that the limits of science are not the limits of imagination.”

“What Are Cataracts.” *American Academy Of Ophthalmology*,
www.aao.org/eye-health/diseases/what-are-cataracts.

Reading this article taught me the different reasons why someone may be more likely to get cataracts. Spending time in the sun without sunglasses can cause cataracts to form.

Williams, Shawna. “Patricia Bath, Inventor of Laser-Based Cataract Treatment, Dies.”
The Scientist Magazine®, 2019,
www.the-scientist.com/news-opinion/patricia-bath--inventor-of-laser-based-cataract-treatment--dies-65974.

This was a very important article that taught me how Bath worked to bring equal eye care. Along with helping to form community ophthalmology, Bath also helped by donating eye care equipment.