Microbiome Background Resources

We’re Mainly Microbe: Meet Your Microbiome. Video
Four minute video produced by PBS, overview of the human microbiome.
http://www.pbs.org/video/2365037174

Exploring The Invisible Universe That Lives On Us - And In Us. Video
Short video produced by NPR, overview of the human microbiome.
http://www.npr.org/sections/health-shots/2013/11/01/242361826/exploring-the-invisible-universe-that-lives-on-us-and-in-us

Your Body Is Surrounded by Clouds of Skin and Fart Bacteria. Article, audio
Stationary human subjects were seated in a clean room while the air was sampled around them; results showed that individuals could be distinguished by their unique microbial clouds.
Four-minute audio and article by NPR about this study.
http://www.npr.org/sections/health-shots/2015/09/22/441841735/wherever-you-go-your-personal-cloud-of-microbes-follows

You Are Your Microbes. TedEd Talk
From the microbes in our stomachs to the ones on our teeth, we are homes to millions of unique and diverse communities which help our bodies function.
http://ed.ted.com/lessons/you-are-your-microbes-jessica-green-and-karen-guillemin

The Human Microbiome. Articles, Videos, Interactives
Webpage with a variety of resources for exploring microbiomes.
http://learn.genetics.utah.edu/content/microbiome

Telltale Mouth Microbes. Article
The composition of the plaque microbiome can reveal a child’s risk of cavities months before the decay appears, according to a study.
http://www.the-scientist.com/?articles.view/articleNo/43952/title/Telltale-Mouth-Microbes/

Could the Microbiome Cure Eating Disorders? Article
Gut microbes have been studied as cause (and cure) for bacterial infections and bowel disease, and now eating disorders.

How the microbiome shapes our world. Article
Perspectives from three scientists on metagenomics and applications.
http://ideas.ted.com/its-all-around-us-three-scientists-on-how-the-microbiome-shapes-our-world/
Unraveling the Influence of Gut Microbes on the Mind. *Article*
The complicated relationship between the gut microbiota and the brain.
http://jama.jamanetwork.com/article.aspx?articleid=2281702#.VUl8QbEvBwc.twitter

Mind-altering microbes: how bacteria affect brain and behavior. *TedEd Talk*
We tend to focus on the negative nature of infectious germs, but there are many microbes that actually help our health.
http://ed.ted.com/on/akg9D3p6

Airplane Poop Could Help Track Global Disease Outbreaks. *Article*
Scientists perform metagenomics analysis to track pathogens and antibiotic resistance from airplane waste tanks.

Researchers Test Microbe Wipe To Promote Babies' Health After C-Sections. *Article, audio*
Babies born by C-section miss out on the benefits from picking up Mom’s microbes on the way out, but there may be a way to fix this.
http://www.npr.org/sections/health-shots/2016/02/01/464905786/researchers-test-microbe-wipe-to-promote-babies-health-after-c-sections

How You're Born May Affect Your Brain Development. *Article*
A new study reveals birth may play a larger role in brain development than previously believed.

American Gut Website. *Website w/ video, blog, articles, etc.*
The American Gut Project enables participants to learn about their own body’s microbes while helping efforts to learn how the human microbiome is linked with various aspects of our health.
http://americangut.org

How Our Microbes Make Us Who We Are. *Ted Talk*
Talk about the importance of microbes for our personal health.
https://www.ted.com/talks/rob_knight_how_our_microbes_make_us_who_we_are?language=en

Our Microbiome May Be Looking Out for Itself. *Article*
This article raises the idea that our microbiome may influence our behavior for its own ends.

Meet Your Microbiome and Health and Microbiome. *Article, Video*
Webpage associated with a microbiome exhibit by the American Museum of Natural History.