**Assignment 4:** Stakeholder Case Study Handout

**Assignment Summary:** In this final assignment, your group will transform your case study draft into a professionally formatted, visually engaging classroom-ready handout. This version should incorporate instructor feedback and be written clearly and concisely for a general audience.

***Bonus: The best work will be published!*** *Final handouts will be included in an* ***open educational resource*** *(OER) collection and may be published on platforms such as* ***OERTx*** *or* ***Pressbooks****. These handouts will be publicly accessible to educators and students, so please ensure your final version is professional, well-written, and thoughtfully designed.*

**Course Learning Outcomes Assessed:**

* **Use** peer-reviewed scientific sources to support evidence-based reasoning.
* **Identify** and **distinguish** between positive (descriptive, fact-based) and normative (opinion-based, value-driven) claims.
* **Evaluate** the credibility and relevance of scientific claims related to the universe, evolution, and human health using peer-reviewed evidence.
* **Communicate scientific concepts related to the universe, evolution, and human health using evidence-based reasoning and accurate data.**
* **Develop teamwork skills by collaborating with peers to present a socioscientific topic to a general audience.**
* **Analyze how values and evidence shape public responses to socioscientific issues.**

**Purpose:** The purpose of this assignment is to serve as a **summative assessment** that synthesizes the content knowledge, communication skills, and teamwork developed throughout the case study project. By revising and refining their case study, students will demonstrate their ability to communicate scientific ideas clearly, integrate stakeholder perspectives, and translate complex socioscientific issues into accessible, classroom-ready materials. The assignment also emphasizes the value of revision, visual communication, and public-facing science education, preparing students to engage broader audiences in informed scientific discourse.

**Instructions: How to Move from Draft to Final Handout**

**1. Revise Based on Feedback**

* Carefully review comments from Assignment 3.
* Revise your abstract, story, and discussion summary to reflect feedback.
* Ensure the case study question, stakeholder perspectives, and final decision are clearly articulated.

**2. Design a Visually Engaging Handout**

* Use **headings** and **clear section breaks** to organize your content.
* Include **at least one visual element** (e.g., graph, table, infographic) that supports your case.
* Use **color and formatting** to enhance readability.

**3. Include All Required Sections**

Your final handout must include:

* **Title** (concise, clear, and engaging)
* **Abstract** (150 words max, revised for clarity and alignment)
* **Case Study Story**
  + Setup (brief background and context)
  + Dialogue (unfolds through stakeholder conversation)
* **Discussion Summary** (4–6 sentences, updated for clarity and reflection)
* **References** (MLA format, minimum 6 sources including at least 1 primary literature source)

**4. Formatting Guidelines**

* Submit as a **PDF** with a file name ARSC104\_Assignment4\_Group#.pdf
* Use 11–12 pt professional fonts (e.g., Calibri, Times New Roman, Arial)
* 1” margins all around
* Include group member names at the top or bottom of the page
* Use section headers to clearly label each component