## **SABV Primer Preview**

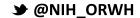
Chyren Hunter, Ph.D.
Associate Director,
Basic and Translational Programs

**ACRWH Meeting November 2, 2020** 















Resources



HOME > CAREER DEVELOPMENT & INTERPROFESSIONAL EDUCATION

#### Career Development & Interprofessional Education

#### New tab & updated educational resources

Science for the Health of Women requires a well-trained, diverse, and robust workforce, which is the engine of rogress. Building interdisciplinary research careers in women's health and training scientists, clinicians, and other essionals on sex and gender influences in health and disease will accelerate the translation of knowledge into ealth care for women. The development and effective implementation of innovative programs that attract, retain, e women in biomedical science careers will increase gender diversity in the biomedical research workforce at all ls, and coordinated efforts are needed to increase representation of women at the senior faculty and leadership



#### Career Development & Education

- ▶ Mentored Career Development
- ▶ Building Interdisciplinary Research Careers in Women's Health (BIRCWH)

Re-Entry into Biomedical Research Careers

- NIH Working Group on Women in **Biomedical Careers**
- ▶ E-Learning

Videocasts & Webinars

**Educational Resources** 

#### Related Resources

- Achieving Gender Equity at Conferences
- Women in STEM Research: Better Data and Information Sharing Could Improve Oversight of Federal Grantmaking and Title IX Compliance
- Civil Rights Protections in NIH-Supported Research, Programs, Conferences and Other Activities
- Fact Sheet: ORWH Career **Development Initiatives**
- Career Development & Mentoring Resources
- Women Scientists in Action
- Local Legends: Celebrating America's Local Women Physicians



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HOME > CAREER DEVELOPMENT & INTERPROFESSIONAL EDUCATION > E-LEARNING

#### E-Learning

New to the Course?

Create ORWH Account

Already Have an Account?

Log In to Your Account

WOMEN'S HEALTH RESEARCH \*

SEX & GENDER ▼

IN THE SPOTLIGHT **\*** 

SCIENCE POLICY ▼

CAREER DEV

The courses are open to the public, and registration is free.

#### Bench to Bedside

Bench to Bedside: Integrating Sex and Gender to Improve Human Health was developed in partnership with the Food and Drug Administration (FDA) Office of Women's Health (OWH). This online course gives users a thorough and up-to-date understanding of sex and gender influences on health and disease so users can apply this knowledge when conducting research and interpreting evidence for clinical practice. Course material showcases examples from basic science through clinical trials and translation into practice to ensure participants understand the importance of considering the influence of sex and gender throughout the research spectrum and beyond. The course focuses on key health conditions on which sex and gender have an impact. Three modules—Immunology, Cardiovascular disease, and Pulmonary disease—are currently available. Three additional modules—Neurology, Endocrinology, and Mental Health—will be released later this year.

Visit the course page for Bench to Bedside: Integrating Sex and Gender to Improve Human Health

#### Sex as a Biological Variable: A Primer

AVAILABLE

Sex as a biological variable (SABV) is a key focus of the NIH important bility through rigor and transparency.

NIH expects that SABV will be factored into research designs, analyses, and reporting in vertebrate animal and human studies.

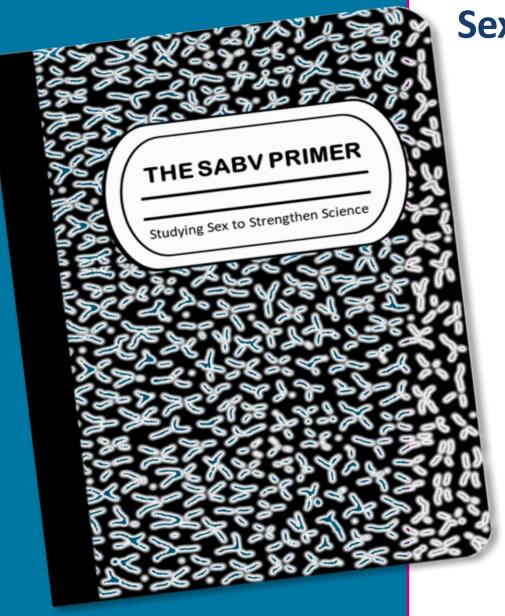
SABV: A Primer includes four interactive modules that will walk you through how to consider SABV in all stages of the biomedical

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- Bench to Bedside: Integrating Sex and Gender to Improve Human Health
- Sex as a Biological Variable:
   A Primer
- Introduction to the Scientific Basis of Sex- and Gender-Related Differences

https://orwh.od.nih.gov/careerdevelopment-education/e-learning

Sex as a Biological Variable: A Primer [coming soon,



Sex as a Biological Variable (SABV) Primer

PARTNERSHIP

- **➤ Clarify the SABV policy** 
  - what is required and what is not
- **➤** Create better buy-in and compliance
  - myth-busting
  - address perceived challenges
- ➤ Help investigators better apply the policy to their research
  - research design /analysis /reporting
  - •basic /pre-clinical /clinical /population health

## NIH Sex as a Biological Variable (SABV)\* Primer

Module 1: SABV and the Health of Women and Men

Module 2: SABV and Experimental Design

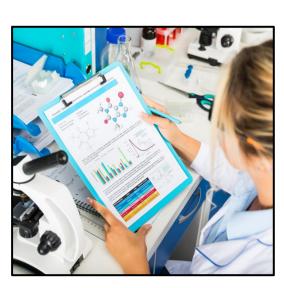
Module 3: SABV and Analyses

Module 4: SABV and Research Reporting









Includes knowledge checks, complete reference lists, and a companion instructor guide

HOME > E-LEARNING > SEX AS A BIOLOGICAL VARIABLE: A PRIMER

### Sex as a Biological Variable: A Primer



#### Welcome to the SABV Primer

This course was developed by the National Institutes of Health (NIH) Office of Research on Women's Health (ORWH), with funding support from the National Institute of General Medical Sciences. Click here for information on course authors, reviewers, and leadership.

OMB # 0925-XXXX Expiration Date: XX/XXXX Public reporting burden statement

The course consists of four independent, interactive modules that are designed to help the biomedical research community—including researchers, NIH grant applicants, and peer reviewers—account for and appropriately integrate SABV across the full spectrum of biomedical sciences. The NIH SABV policy originated in a notice titled "Consideration of Sex as a Biological Variable in NIH-funded Research." It summarizes NIH's expectation that SABV will be factored into research designs, analyses, and reporting in vertebrate animal and human studies.

- Module 1: SABV and the Health of Women and Men
- Module 2: SABV and Experimental Design
- Module 3: SABV and Analysis
- Module 4: SABV and Research Reporting

# Career Development & Education

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Re-Entry into Biomedical Research Careers

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Women of Color Research Network

▼ E-Learning

Bench to Bedside: Integrating Sex and Gender to Improve Human Health Course

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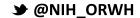
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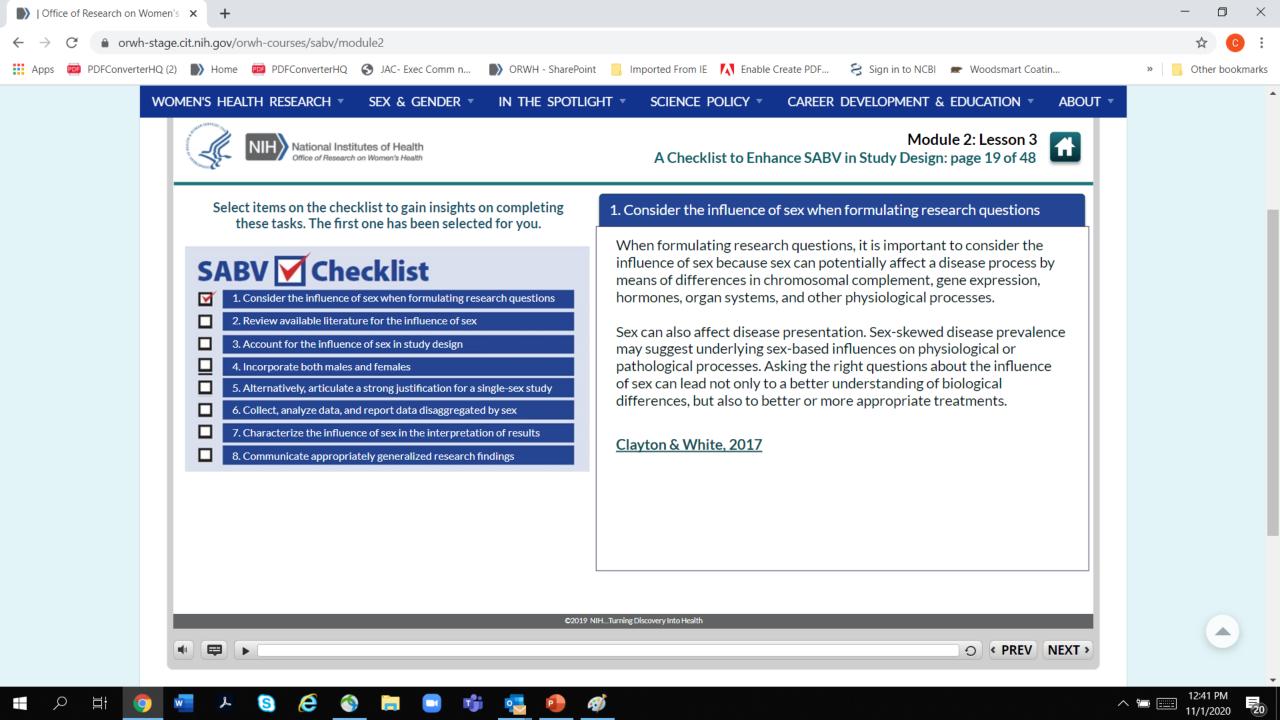


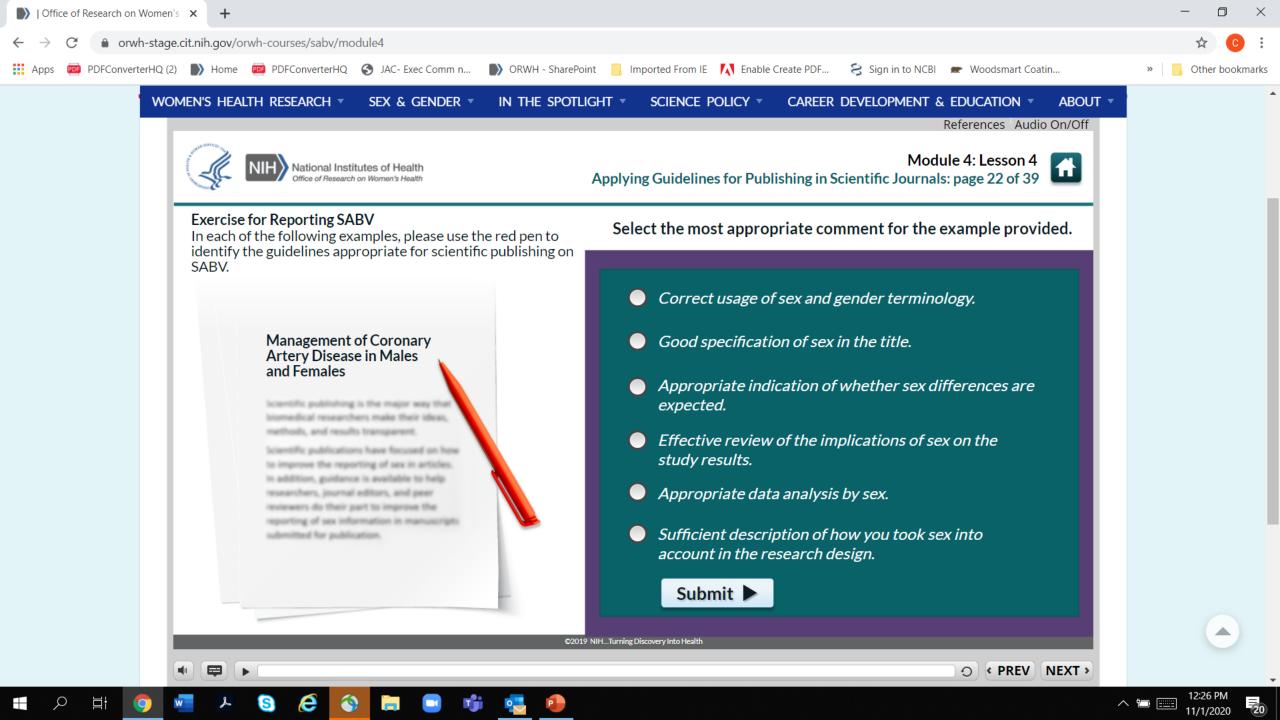
















## **Connect With Us**



- 1. Go to the ORWH Stage Environment <a href="https://orwh-stage.cit.nih.gov/">https://orwh-stage.cit.nih.gov/</a>
- 2. The ORWH E-Learning Course (<a href="https://orwh-stage.cit.nih.gov/career-development-education/e-learning">https://orwh-stage.cit.nih.gov/career-development-education/e-learning</a>) are found under the "Career Development & Education" section of the main navigation