

Unit 3 - Genomics and Crops

Author(s)

Claire Palmer
Penny Riggs
T.J. Kasperbauer
Jeremy Johnson
Lauren Cifuentes
Seung Won Park
Jamie McQueen

Year

2015

Description

This is the third unit in an extensive <u>Course on Genomics</u>, <u>Ethics and</u>, <u>Society</u>. This unit (3) deals specifically with ethical issues raised by genomics in the context of genetics and crops. Units 1-7 each last approximately 2 weeks, and Unit 8 contains the final case study.

Body

Table of Contents

- 1. Unit Navigation and Essential Question
- 2. Background
- 3. <u>Selected Issues in Depth Genomics and Crops</u>
- 4. Readings
- 5. <u>Undergraduate Student Discussion Genomics and Crops</u>

- 6. Graduate Student Discussion Genomics and Crops
- 7. Case Analysis and Instructions
- 8. Case Ethics & GM Crops in Sub-Saharan Africa
- 9. Resources
- 10. Recommended Readings and Online Resources

Notes

Authors: Clare Palmer, Penny Riggs, T.J.Kasperbauer, Jeremy Johnson at Texas A&M University, College Station and Lauren Cifuentes, Seung Won Park and Jaime McQueen at Texas A&M University - Corpus Christi.

Rights

Use of Materials on the OEC

Resource Type

Instructor Materials

Parent Collection

Genomics, Ethics and Society Course

Topics

Emerging Technologies

Environmental Justice

Governance

Human Subjects Research

Public Health and Safety

Public Well-being

Responsible Innovation

Risk

Safety

Social and Political Conflict

Social Justice

Social Responsibility

Sustainability

Discipline(s)

Genetics and Genomics Life and Environmental Sciences