

Human Evolution, Genetic 8]j Yfg]hm, & Perceptions of Race



IOWA CITY DARWIN DAY 2020

Friday, February 21

Special Presentation

Main Library Special Collections

11:00 am Illustrated Natural History in Victorian Britain: How Darwin and his contemporaries shared knowledge in books

Beth Yale

Workshop 1

106 Biology Building East

12:30-2:30 pm

Playing With Fire? How we perpetuate biological beliefs about race in the classroom and how we can avoid it
Paul Strode and Brian Donovan

Seminar Talks

Kollros Auditorium, Biology Building East

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John Novembre

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FilmScene

6:30-8:30 pm Science on Screen

The Fly with discussion led by
Professor Andrew Forbes & Joe Jalinsky

Saturday, February 22

Public Lectures

MacBride Hall Auditorium

9:30 am fl ± « Šā flj a j ° Yē Y j ° μ

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John Novembre

10:30 am Truth, Racial Healing & Transformation

Charmaine Royal

11:30 am Ancestry Testing, Privacy, and Law

Anya Prince

12:00 pm Evolution and the Modern Mom: The unique conundrum of

Homo sapiens

Carin Bondar

Workshop 2

Iowa Memorial Union

355 Divine Nine Room

2:00-5:00 pm

The Groundwater Approach:
Building a practical understanding of structural racism

Racial Equity Institute

Individuals with disabilities are encouraged to attend all University of Iowa-sponsored events. If you are a person with a disability who requires a reasonable accommodation in order to participate in this program, please contact



Deirdre Egan at 319-335-0188 or
iowacitydarwin@gmail.com

FRI 85M FEB 21 /
SAT 1 F 85M FEB 22

**FREE WORKSHOPS FOR
TEACHERS
REGISTER AT
IOWACITYDARWINDAY.ORG**

**LICENSED TEACHERS INTERESTED IN
ATTENDING ALL THE EVENTS FOR 1
CEU, REGISTER FOR COURSE NUMBER
182210 THROUGH THE GWAEA
WEBSITE AT
aealearning.truenorthlogic.com**

Workshop 1

Playing with Fire? How we perpetuate biological beliefs about race in the classroom and how to avoid it
Dr. Paul K. Strode and Brian Donovan

Studies show that when students are taught simple Mendelian models of genetics, faulty assumptions about racial differences in behavior and ability can result. We introduce participants to educational frameworks that are useful for teaching students more complex models of inheritance that include an understanding of how genes respond to varying environments as well as the use of inductive learning, argumentation, model-based reasoning, and data analysis and interpretation. Participants also practice using a teaching intervention designed to be embedded in a genetics unit and based on research that demonstrates that racial biases, like stereotyping, can be reduced by improving how adolescents perceive human genetic variation within and between races. The materials provided in this workshop are aligned with NGSS core ideas and practices.

Workshop 2

The Groundwater Approach: Building a practical understanding of structural racism
The Racial Equity Institute

This workshop is designed to help instructors at all levels address the fact that we live in a racially structured society and that that this is what leads to racial inequity. The "groundwater" metaphor is based on three observations: racial inequity looks the same across systems, socioeconomic difference does not explain the racial inequity; and inequities are caused by systems, regardless of people's culture or behavior. Embracing these truths allows us and our students to confront the reality that systems, institutions, and outcomes emanate from the racial hierarchy on which the United States was built. In other words, we have a "groundwater" problem, and we need "groundwater" solutions.