What is the scientific status of our ideas about race? How are medical and legal ideas invoked in determinations about people’s gender identities? Overall, how do developments in the life sciences affect our understandings of who we are, how we differ, and how social inequalities are created, perpetuated, and challenged? This seminar explores how scientific claims and technological developments help transform cultural understandings of race, gender, and sexuality. Conversely, we will consider how cultural beliefs about race, gender, and sexuality influence scientific knowledge and medical practice. We will take up a series of controversies from the recent past and present to explore the dynamic interplay between expert findings, social identities, and political arguments.