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Climate Change Teach-In
The Uncertain Human Future
Clark University
March 25 and 26, 2015

PROGRAM LISTING

Wednesday March 25

7 pm	**Launch event**	Higgins Lounge Dana Commons

Thursday March 26

9 am	**Teach-In Sessions**	Across Campus
10:15 am	**Plenary Session** *Unstoppable Change,* Susanne (Susi) Moser	Daniels Theatre, Atwood Hall
11:45 am	**Council Sessions**	Across Campus
12:45pm	*Lunch Break*	
1:45 pm	**Teach-In Sessions**	Across Campus
3 pm	**Plenary Session** *The End of Separation,* Christopher Uhl	Tilton Hall, University Center
4:30 pm	**Teach-In Sessions**	Across Campus
5:30 pm	*Dinner break*	
7 pm	**Teach-In Sessions** **Film Festival**	Across Campus Atwood Hall and Razzo Hall

Teach-in Session Schedule

FINAL VERSION
3.24.2015

Wednesday, March 25

			LOCATIONS
Robert Ross (Sociology) **Jerry Lembcke** (Holy Cross) **Doug Little** (History)	**Teach-in at 50: Vietnam, Citizen Action, Threats to Peace**	This panel will examine the origins and impacts of the original Teach-Ins at University of Michigan, 1965. The panel will explore an historical perspective on the teach-ins and why they happened (Robert Ross), the effects of the movements against the war and The Pentagon (Jerry Lembcke) and threats to peace today (Doug Little). Amy Richter, Director of the Higgins School of Humanities, will facilitate.	7 pm Higgins Lounge at Dana Commons

Thursday, March 26

SESSION ONE
9 – 10 AM

			LOCATIONS
John Baker (Biology)	**Global warming, past, present, and future**	What's happening, and what are the causes and consequences? Global "warming" is nothing new. It has happened repeatedly in the recent history of our planet, it definitely appears to be happening now, and it will undoubtedly happen in the future when the current episode of warming reverses. Humans are the principal reason for it. The precise consequences depend upon the extent of the warming, but include a variety of negative impacts to ecological systems and we humans who depend on them.	Higgins Intercultural Lounge (Dana Commons)
Les Blatt (Physics)	**The facts are overwhelming / the barriers, likewise**	The scientific case for fossil fuel usage as the main cause of global warming and world-wide climate change is solid; the economic, political, and ideological implications of these facts, however, are enormous. We will review the science briefly, and then explore, in some detail, why denying the science has become the counter-argument of choice.	Geography Commons (Jefferson 220C)

Tim Downs (IDCE)	**A *common core* response to climate change**	How can diverse groups work together to assess, vision and plan for climate-change mitigation, and climate resilience? An integrated approach that combines mitigation, adaptation and resilience-building is called for, but how to do so in concert with diverse social actors is nontrivial. We will explore foundational work, and new work in the areas of capacity building, socio-technical transitions, and practical sustainable development. Efforts must be place-based and community-centered, but there are capacities and network approaches that may comprise a 'common core' response.	Lurie Conference Room (University Center)
Ronald Eastman (Geogaphy) **Florencia Sangermano** (Geogaphy)	**Climate and vegetation / Global trends from 1982 to 2011** **Mapping the impact of climate change on biodiversity**	This session will have two presentations at thirty minutes each: **Climate and vegetation:** Just as miners used canaries to provide early warning of toxic gases in coal mines, plants can act as sensitive indicators of environmental change. Interestingly, data from a US series of weather satellites, in continuous operation since the early 1980's, can be specially processed to yield information on plant productivity. A monthly times series of vegetation index imagery from 1982-2011 is therefore analyzed for the presence of trends in the seasonal growth of vegetation. From the results it is evident that the world is becoming greener – a result consistent with an atmosphere that is becoming warmer and richer in CO_2. **Mapping the impact of climate change on biodiversity**: Climate and land cover change constitute serious threats to global biodiversity. I combine time series of remotely sensed data with global databases of species distribution, to identify locations of high impact of climate change on biodiversity. Results of this work inform conservation practitioners of areas under threat in order to facilitate conservation prioritization and in situ monitoring assessments.	Jefferson 218
Deb Robertson (Biology)	**Changing oceans in changing times**	Ocean temperatures are rising as a consequence of climate change and increased levels of carbon dioxide in the atmosphere are changing ocean chemistry. This session will explore the impact of these human-caused changes on ocean life and ecosystem services.	Higgins Lounge (Dana Commons)
David Thurlow (Chemistry)	**Too many people**	In 1972 the book *Limits to Growth* predicted, "If the present growth trends in world population, industrialization, pollution, food production, and resource depletion continue unchanged, the limits to growth on this planet will be reached sometime within the next one hundred years. The most probable result	Fuller Conference Room (Goddard Library)

		will be a rather sudden and uncontrollable decline in both population and industrial capacity." How well have the predictions of the model described in this book held up, and is it time for world-wide population control? Does climate change simply make matters worse?	
Chris Williams (Geography)	**The truth about climate change and pathways to a safer future**	Global warming from the burning of fossil fuels is undeniable. We already feel the impacts and see them rising steeply into the future unless we take concerted action to transition to cleaner technologies. While the problem is clear and the technological solutions are ready, implementation remains wickedly elusive because of structural momentum as well as powerful economic and political forces that resist change. This session will expose the facts about climate change, challenge distortions asserted by denialists and special interests, identify key risks and vulnerabilities in the earth system, and discuss a path to a safer future.	Daniels Theater (Atwood Hall)

SESSION TWO
1:45 am – 2:45 pm

LOCATIONS

President David Angel **Susi Moser** **Christopher Uhl** **Tony Bebbington** **Sarah Buie** **Chris Williams**	**How does Clark address this unprecedented issue?**	A panel conversation with Clark's President David Angel will include both of our plenary speakers, Susi Moser and Christopher Uhl (Penn State), Tony Bebbington (Director of Clark's School of Geography), Sarah Buie (Senior Associate, Higgins School of Humanities and a Teach-in organizer) and Chris Williams (Geography faculty).	Tilton Hall (University Center)
Jessica Bane Robert (English)	**Songs for the Earth**	The poet and artist, brave enough to feel and see it all, have throughout history brought deeper awareness and change to society and its pressing issues. In this session, we touch on selected readings for the Clark teach-in day through a brief dialogue. We also look at poems before venturing outside to write our own verses for the earth. We slow, cultivate the awareness of the poet to attend to the world with senses fully engaged, in a state of reverence and awe for that	Jonas Clark 104

		which sustains us all. For how can we create change if we are not willing to look with our full attention and to enter into an intimate relationship with the Earth, its gifts and inhabitants? Concurring with the class ENG 101 Introduction to Creative Writing. Our work will be exhibited in the Art Lab at Traina Center.	
Nigel Brissett (IDCE)	**Climate change and the world's poor**	Much of the popular discussion on the causes of and solutions to climate change often focuses on how the pursuit of wealth through industrialization subjects the Earth and its environs to unspeakable environmental practices, yet frequently fails to consider the multiple ways in which the world's poorest engage in and become more vulnerable to environmental degradation. I will challenge the community to critically engage with global development initiatives aimed at the unholy nexus of poverty and environmental degradation, and consider the implications for the new global development initiative, the Sustainable Development Goals (SDGs).	Higgins Intercultural Lounge (Dana Commons)
Halina Brown (IDCE)	**Climate change is the wrong problem to focus on and recycling is the wrong solution**	So you think that if half or more of our energy sources became renewable the ecological problems will be solved? Well, think again. What we really need is to start confronting the root causes of climate change and other ecological problems: the worship of economic growth and our consumption patterns.	Higgins Lounge (Dana Commons)
Cynthia Caron (IDCE)	**Rethinking our relationship with nature / Native American traditions and beliefs**	We begin with the music of Joanne Shenandoah of the Oneida Nation of New York, and then watch two talks on climate change by Native leaders Oren Lyons, Faithkeeper of the Turtle Clan of the Seneca Nation and Cinnamon Spear, a Northern Cheyenne woman, writer and filmmaker. Our discussion will explore the inter-generational thinking and logics of Native American traditions and beliefs and how they might inspire us to think about ways of being and facing the challenge of climate change.	Traina Center 002 (lower level)
Wes DeMarco (Philosophy)	**Friend of freedom? Enemy of nature? The role of capitalism in the climate crisis**	Have capitalist institutions and practices contributed to the climate crisis? To address the crisis adequately, do we need to better manage the current institutions and practices, 'green them up,' or try something different? Are restrictions on economic processes limitations of freedom? Is the ability to change, together, the rules of the socioeconomic game the expression of a form of freedom that is at least as important?	Rosenblatt Conference Room (University Center)

Gino DiIorio (VPA)	**Seeds of Doubt**	Gino DiIorio discusses his new play, dealing with activism and the environmental terrorism movement.	Experimental Theater (Little Center)
Anita Fabos (IDCE)	**Population displacement and climate change**	People are already seeing their home places and livelihoods transformed due to climate change. Moving to a different place is one way for people to adapt to precarious circumstances, but it raises different concerns for those asked to make room. What are the social, economic, cultural, and political practices that societies have for including--or excluding--newcomers? And what are our moral responsibilities to those displaced by our collective actions?	Fuller Conference Room (Goddard Library)
Jude Fernando (IDCE) and students	**Pedagogy and social and environmental justice activism at Clark**	This interactive student panel explores the reason for wide gap between classroom learning and active involvement of students in social and environmental justice activities. Does Clark prepare and provide students and generate enthusiasm to get involved in social and environmental justice issues? What obstacles do students face in this regard? How can we do to make learning more responsive? Students presenters: Cori Baer, Elizabeth Crowther, Gabrielle Fricke, Nicole Hanson, Anne-Claire Merkle-Scotland, Caroline Santayana, Erin Wurtemberger, Raymond Zhang, and Khobrekar Vilas.	Jefferson 320
Barbara Goldoftas (IDCE)	**Public health and climate change**	What are the public-health consequences of a changing and unpredictable climate for different populations in different places around the world? Who could be affected, who has already been affected?	Prouty Conference Room (Goddard Library)
James McCarthy Kevin Surprise (Geography)	**Climate change and the future of capitalism**	We will consider the ways in which capitalism – a socioeconomic system largely responsible for contemporary anthropogenic climate change – is responding to changing climates. We will consider whether climate change might present a serious challenge to the perpetuation of capitalism, or whether and how capitalism might actually thrive on the crises it creates, through new institutions and industries such as carbon markets, renewable energy, weather insurance, and geo-engineering. Finally, we will discuss alternative, more democratically-shaped responses to climate change	Lurie Conference Room (University Center)
Hugh Manon (VPA)	**Enjoying ourselves to death / Desire,**	This discussion-based session will explicate, in easy-to-understand terms, the psychoanalytic account of human desire: how it is structured, why it's a	Traina Center 111

	prohibition and consumerism in the digital era	problem, and where (if at all) human enjoyment is possible. The group will then investigate the shift from a mid-20th century "culture of prohibition" to our 21st century "culture of enjoyment," focusing on concrete examples from past and contemporary media as a means of understanding how the shift from analog limitation to digital perfectibility creates a crisis of sustainability, in both material and psychological terms.	
Paul Posner (Political Science)	***This Changes Everything***	A conversation on the relationship between capitalism and climate change, prompted by Naomi Klein, author of the recent best-selling book on the topic.	Traina Center 107
Joe O'Brien (GSOM) **Peggy Middaugh Matt Feinstein John O'Dell**	**How Worcester and other cities are responding to climate change**	This session will provide an overview of how American cities are responding to climate change, and efforts by US Conference of Mayors to make climate a priority for local government. It will include a panel discussion with Peggy Middaugh, Worcester Tree Initiative, on planting trees to address climate and community health issues; Matt Feinstein, Worcester Green Jobs Coalition, on creating jobs in energy conservation and renewable energy; and John O'Dell, City of Worcester Energy and Facilities Manager, on Worcester's Climate Action plan and energy conservation efforts. Part of PSCI 171 Urban Politics: People, Power, and Politics in US Cities. Open to the public.	Jefferson 133
John Rogan (Geography)	**Urban climate and forest cooling in Worcester**	This session will examine the cooling effects of shade trees (oak, maple, linden, etc.) on urban climate in Worcester and the surrounding towns, specifically within the Asian Longhorned Beetle quarantine zone. This study is in collaboration with the Massachusetts Department of Conservation and Recreation.	IDCE Conference Room D
Beth Sawin (Climate Interactive)	**Taking care / Well-being and our climate future**	The urgency of climate change is growing within societies that face other problems including the need to overcome hunger and poverty, large and systemic inequities, public health challenges, and climate impacts that are already being felt. This session looks straight at the challenge of addressing climate change in the context of other struggles, and finds some unexpected, practical and hopeful opportunities in the process. A new framing of these intersections will be offered, as well as time to experiment with the new framework and share possibilities and visions.	Grace Conference Room (University Center)

Ed Weinberger (GSOM)	**Putting a price tag on an uncertain future / A first step in climate change mitigation**	While there is near unanimous agreement about the science of climate change, there is sharp disagreement within the United States about what to actually do about it. Central to that discussion is the trade-off between the costs of future harm and the immediate costs of remediation. Estimates of remediation costs vary widely, but they could exceed 2% of current U.S. GDP per year. Estimates of the most severe costs of global warming vary even more widely. While these costs are generally believed to be incurred a few generations from now, there is some chance of more immediate costs, due to the near-term climate catastrophes described in other teach-in sessions. Thus, the cost-benefit approach that policy makers tend to apply to situations like global warming requires a present value of these costs, including the contingent costs of climate catastrophes. I will present the economic thinking behind some of the best known of these present value calculations, after which I will open the floor for discussion. Part of FIN2508 Fixed Income Securities. Open to the public.	Carlson Hall 120 1:25-2:40

SESSION THREE
4:30 – 5:30 pm

			LOCATIONS
James Cordova (Psychology)	**The three Buddhist tenets / Not-knowing, bearing witness, and compassionate action**	The climate is changing. The scale of the problem is overwhelming. We don't know what to do. We want to turn away. It's hard to know even where to begin and life is already so demanding. In this session, from the perspective of Zen practice, we will look deeply at the experience of not-knowing, bearing witness, and the natural arising of compassionate action. This session will include meditation and dharma talk, followed by a dialogue.	Higgins Lounge (Dana Commons)
David Correll (GSOM)	**Climate change and supply chain management**	The products and services that we all consume daily have all been put together by long assemblages of independently acting people and companies that we call 'supply chains'. Historically, supply chains have been designed and managed to maximize value for their end customers. Today, however, many forward-looking thinkers are also designing and managing their supply chains with an eye on climate change. We'll take a big picture look at what this means in theory and in practice.	Higgins Intercultural Lounge (Dana Commons)
Tim Downs (IDCE)	**Visioning a more climate-resilient,**	What would a more climate-resilient, "sustainable" future look like, how would we gauge success, and how do we get there from here? It's a powerful	IDCE Conference Room D

	***sustainable* future**	question, one requiring bringing together social, cultural, economic, political and ecological impacts for a holistic frame of reference and monitoring. We will explore how key principles can inform a more comprehensive understanding of existing conditions – our 'baseline' – and, importantly and provocatively, will engage in visioning of a desirable future for Clark, Worcester and Central Mass Region for 2025 and 2050.	
Jody Emel (Geography) **Dianne Rocheleau** (Geography) And students	**Food and climate change/ Justice from your plate to the planet**	We will cover the potential effects of climate change on agriculture, the ways in which those agricultural changes will impact people, the considerations of justice that current social movements and scholarship foster, and the likely new issues that will arise. We will consider food sovereignty, food security, local food politics, the Real Food Challenge at Clark, and other political movements. Jointly led by students Rebecca Miller, Julia Groenfeldt, Eli Goldman, and Elliot Altbaum.	Geography Commons (Jefferson 220C)
Jim Gomes (Mosakowski Institute)	**The politics of climate change**	Stopping global warming will require the US to make major changes in its energy production and consumption practices, changes that are unlikely to happen unless the federal government acts forcefully. But can our polarized and gridlocked political system produce laws and policies that will dramatically reduce the U.S.'s greenhouse gas emissions? Is there any way to bring about substantial cuts in America's contribution to global warming other than changing the politics of the issue?	Fuller Conference Room (Goddard Library)
Jenny Isler (Sustainable Clark) **Rob Johnston** (Marsh Institute)	**Clark's Climate Action Plan / Are we serious?**	This session will examine the plan to get to zero by looking at our current emissions, energy use patterns over time, mitigation strategy fails & wins, and our institutional realities. Trade-offs are at the heart of climate change; Clark's Climate Action Plan is no exception.	Jefferson 320
Stephanie Larrieux (V & PA)	**From contemplation to creative action / Climate change and cinema workshop**	As we anticipate significant changes required to achieve sustainable, climate-responsible lifestyles, we confront a number of fundamental questions about the kinds of communities we wish to create and live in, and how we wish to get there. Through a presentation and discussion activity, this session explores four key binaries that underlie visions of sustainable communities: Local vs. Global, Connected vs. Autarchic, Radical vs. Reformist, and Fast vs. Slow.	Traina Center 200

Steve McCauley (IDCE)	**Interrogating utopian visions / Shaping sustainable communities of the future**	As we anticipate significant changes required to achieve sustainable, climate-responsible lifestyles, we confront a number of fundamental questions about the kinds of communities we wish to create and live in, and how we wish to get there. Through a presentation and discussion activity, this session explores four key binaries that underlie visions of sustainable communities: Local vs. Global, Connected vs. Autarchic, Radical vs. Reformist, and Fast vs. Slow.	Lurie Conference Room (University Center)
Ellen Moyer (Greenvironment)	**Cost-effective solutions to the climate crisis are available now – why do we delay?**	We will discuss technically feasible solutions for addressing climate change that are available today, cost us less than we are paying now, require no sacrifice, have additional beneficial side benefits, and can be implemented with the stroke of a pen. We will then discuss why they are not being implemented.	Rosenblatt Conference Room (University Center)
Gil Pontius (Geography)	**REDD projects / Plans and controversies**	REDD (Reduce Emissions due to Deforestation and Degradation) projects aim to slow greenhouse gas emissions by slowing deforestation. Many controversies exist concerning how to implement such projects because the effectiveness of such projects is not certain and there could be unintended effects. Geographic Information Science (GIS) plays a central role in the implementation of REDD projects, and Clark University is a leader concerning the use of GIS for REDD. We will examine a case study from the Amazon and discuss various aspects of REDD.	Prouty Conference Room (Goddard Library)
Amy Richter (History) And students	**People made out of goods / Understanding the American culture of abundance**	Confronting climate change challenges us to the rethink our relationship to goods and consumption. But consuming less requires more than strength of will or acts of self-denial. In order to make new choices, we must understand how American culture has long celebrated goods as the building blocks of national and individual identity. Many of us still think we are what we buy. How did this come to be?	Rose Library (Strassler Center)
Jennie Stephens (University of Vermont)	**Social change in the transition from fossil fuels to renewable energy systems**	Climate change urgency is accelerating the transition away from fossil fuels toward renewable-based energy systems. This renewable energy transition is much more than a technical substitution; this transition also involves deep social, cultural, and political change including: (1) reducing the powerful political influence of corporations profiting from fossil fuel reliance, (2) empowering individuals, households and communities to engage with local	Grace Conference Room (University Center)

		renewable energy systems, (3) diversifying the energy sector so that women and under-represented minorities are more involved in critical energy decisions, (4) divesting from fossil fuel infrastructure, and (5) changing expectations and assumptions about levels of energy consumption. This session will explore how to anticipate, prepare for, and facilitate these changes.	
Michelle Wenderlich (Geography PhD student) **Dania Flores** (Grassroots Global Justice) **Julia Tredeau** (Shalefield Justice Spring Break) **Holly Jones** **Kyle Schulz**	**Local activism and solutions**	Please join local activists as they discuss their experiences in different climate justice related struggles around the world. We'll be discussing forms of resistance and ideas of transformation beyond a growth-centered, anti-democratic, overworked and isolated capitalist world. We'll have short inputs on global climate justice struggles and connections to ongoing colonization, fracking, pipeline (also local!) and extreme energy resistance, struggles for energy democracy and degrowth, and community economies. We aim to save at least a third of the time to discuss directions and possibilities in Worcester.	Bassett Admissions Center
Chris Williams (Geography)	**The truth about climate change and pathways to a safer future**	Global warming from the burning of fossil fuels is undeniable. We already feel the impacts and see them rising steeply into the future unless we take concerted action to transition to cleaner technologies. While the problem is clear and the technological solutions are ready, implementation remains wickedly elusive because of structural momentum as well as powerful economic and political forces that resist change. This session will expose the facts about climate change, challenge distortions asserted by denialists and special interests, identify key risks and vulnerabilities in the earth system, and discuss a path to a safer future.	Daniels Theatre (Atwood Hall)

SESSION FOUR
7 – 8 PM

			LOCATIONS
Chuck Agosta (Physics)	**Exploring renewable energy**	Did we start on the right track? How can we use it more effectively? One of the ways to reduce our production of greenhouse gases is to switch from using fossil fuels for our energy needs to renewable energy sources. The power generated by photo-voltaics has more than tripled in Massachusetts in the last three years, which is a good sign. But given the investment in this increasingly important source of energy, are we really getting the most out of it? What is renewable energy 2.0, and how do we make it happen?	Traina Center 111
Eric DeMeulenaere (Education) **Melat Seyoum**	**Conversation café: Environmental justice**	What is environmental justice? Scientists have already concluded that there will be significant impacts from global warming and other environmental degradation. But social scientists have taught us that these impacts will not affect everyone (every being) equally. This dialogue explores this reality by asking what is environmental injustice and environmental justice in our world.	Higgins Lounge (Dana Commons)
Rachael Shea (Goddard Library) **Amelia Cenotti**	**As within, so without / climate change and you, an indigenous wisdom approach**	Indigenous Elders of all traditions speak of similar "technologies" that are available to each and every one of us right now that will help our environment. We begin with relationship – relationship to self, other, the Earth, your Higher Power. "As within, so without." Even the language "how do we fix the climate change crisis?" suggests that the "fix" is something outside of myself. In this conversation we will explore our personal roles and actions that can begin in this moment.	Grace Conference Room (University Center)
Srini Sitaraman (Political Science)	**UN and multilateral action against climate change**	This session will examine how the UN is tackling climate change at the international level. The focus will be on the international politics and the complex challenges of getting a global treaty together, such that collective measures could be pursued to reduce the overall carbon emissions.	Lurie Conference Room (University Center)
Gregory Trencher (IDCE)	**Possible climate change futures: The temptations of nuclear and of geoengineering**	In this dialogue we will discuss nuclear energy and the emerging science of geoengineering as potential "silver bullets" to sidestep dangerous climate change. Neither promoting nor rejecting either technology, we will explore the merits and potential dangers of each, and then consider if either has a place in a carbon-restrained world increasingly threatened by climate change.	Traina Center 112

Walter Wright (Philosophy)	**Seeing things whole: A dialogue**	The short documentary *Overview* will serve as a prompt for this dialogue about climate change. After viewing the film, we will consider ways of imagining climate more comprehensively.	Fuller Conference Room (Goddard Library)

PARTICIPATING CLASSES (All open to the public)

Jessica Bane Robert (English)	**Songs for the Earth**	The poet and artist, brave enough to feel and see it all, have throughout history brought deeper awareness and change to society and its pressing issues. In this session, we will touch on some of the selected readings for the Clark teach-in day through a brief dialogue. We will also look at a couple of poems together before venturing outside to write our own verses for the earth. This session will afford an opportunity to slow, cultivate the awareness of the poet and to attend to the world around us with senses fully engaged, in a state of reverence and awe for that which sustains us all. For how can we create change if we are not willing to look with our full attention and to enter into an intimate relationship with the earth, its' gifts, and inhabitants? The culmination of our time together and our writings will be exhibited in an installation housed on the second floor of Traina in the Art Lab. Part of ENG 101 Introduction to Creative Writing.	Jonas Clark 104 1.45-2.45
Steven Levin (English)	**Fictions of Empire**	The class will read Paolo Bacigalupi's novel *The Windup Girl*, which examines climate change and agribusiness in a speculative form, and discuss the following articles: "Dystopia and the End of Politics" by Benjamin Kunkel (2008), "Dirt Theory and Material Ecocriticsm" by Heather Sullivan, and "The Challenge of Imagining Ecological Futures: Paolo Bacigalupi's *The Windup Girl*" by Andrew Hageman. This unit will build on earlier reading of Abdelrahman Munif's novel *Cities of Salt*, which chronicles the discovery of oil by Americans in Saudi Arabia in the 1930s and explores the relationship between modernity and the environment in earlier generation. Part of ENG 275 Fictions of Empire.	BP 217 2:50-5:50
Joe O'Brien (GSOM) **Peggy Middaugh** **Matt Feinstein**	**How Worcester and other cities are responding to climate change**	This session will provide an overview of how American cities are responding to climate change, and efforts by US Conference of Mayors to make climate a priority for local government. It will include a panel discussion with Peggy Middaugh, Worcester Tree Initiative, on planting trees to address climate and	Jefferson 133 1:45-2:45

John O'Dell		community health issues; Matt Feinstein, Worcester Green Jobs Coalition, on creating jobs in energy conservation and renewable energy; and John O'Dell, City of Worcester Energy and Facilities Manager, on Worcester's Climate Action plan and energy conservation efforts. Part of PSCI 171 Urban Politics: People, Power, and Politics in US Cities.	
Robert Tobin (Language, Literature, and Culture)	**Queer theory and the anthropocene**	How can queer theory and gender studies help us think about the "anthropocene," the era when the activities of human beings have had a global impact on the earth's ecosystems? Part of GER230 The German Discovery of Sex.	Estabrook 303 2:50-5:50
Ed Weinberger (GSOM)	**Putting a price tag on an uncertain future / A first step in climate change mitigation**	While there is near unanimous agreement about the science of climate change, there is sharp disagreement within the United States about what to actually do about it. Central to that discussion is the trade-off between the costs of future harm and the immediate costs of remediation. Estimates of remediation costs vary widely, but they could exceed 2% of current U.S. GDP per year. Estimates of the most severe costs of global warming vary even more widely. While these costs are generally believed to be incurred a few generations from now, there is some chance of more immediate costs, due to the near-term climate catastrophes described in other teach-in sessions. Thus, the cost-benefit approach that policy makers tend to apply to situations like global warming requires a present value of these costs, including the contingent costs of climate catastrophes. I will present the economic thinking behind some of the best known of these present value calculations, after which I will open the floor for discussion. Part of FIN2508 Fixed Income Securities.	Carlson Hall 120 1:25-2:40

EXHIBITION
All Week

Michael Loren Siegel (V&PA) And students	**Screen Perspectives on Climate Change**	The Screen Studies program proudly presents the following eight short documentaries made for Introduction to Digital Filmmaking. Students were split into groups of two or three and given two weeks to research, shoot, and edit a 3-5 minute documentary that concerns itself with climate change in any way and from any perspective. The resulting films touch on a wide variety of	Traina Center Second Floor Lounge

		issues, including global warming, environmental degradation, extreme weather, and global and local environmental initiatives, some of which are occurring right here at Clark. Part of SCRN 107 Introduction to Digital Filmmaking.	