

TURF-CreWS 2015 Program Schedule

9:00am - 9:20am

Participant Check-in

9:30am - 10:50am

Concurrent Sessions (*all sessions in the Howard Gittis Student Center, 2nd floor*)

Session 1A: Boyer Performances, 200A

Session 1B: International Problems, Cooperative and Regulatory Responses, 200B

Session 1C: Applied Pricing Analysis: Products, Labor and Insurance, 217C

Session 1D: Studies in Nature, Wildlife, and Sustainability, 217D

Session 1E: Engaging Creativity: Award Winning Designs, 220

Session 1F: Identity, Enforced and Assumed, 217B

11:00am - 12:20pm

Concurrent Sessions

Session 2A: Affect, Anxiety and Gender Stereotype Awareness, 200A

Session 2B: Emotional Regulation and Interpersonal Relations, 200B

Session 2C: Sports and Society, 217C

Session 2D: Organic and Biochemistry, 217D

Session 2E: The Value of the Other and Self, 220

Session 2F: Text and Context: Self, Society and Semiotics, 217B

Session 2G: Exploring Economic Motivation: From Online Radicalism to the NHL, 223

12:30pm - 1:50pm

Poster Session & Lunch for Presenters, 200C

2:00pm - 3:20pm

Concurrent Sessions

Session 3A: What Will Film Acting Look Like in the 21st Century?, 200A

Session 3B: Developing a Sense of Place, Locally, Nationally and Internationally, 200B

Session 3C: Histories of Ideology and Ideological Development, 217C

Session 3D: Health and Lifestyle: Investigating Clinical Conditions, 217D

Session 3E: The Lenses of Media: Engaging the Viewer, 220

Session 3F: Gender, Race and Economic Inequality, 217B

3:30pm - 4:50pm

Concurrent Sessions

Session 4A: Acting in the 21st Century; What Will the Craft Demand?, 200A

Session 4B: Diagnosing Celebrities: From Poetic Madness to Personality Disorder, 200B

Session 4C: Gender and National Identity, 217C

Session 4D: Experiences of Gender and Sexuality, 217D

Session 4E: Scales and Balances; Self and Community, 220

Session 4F: Global Governance: Measures of Institutional Participation and Legal Practice, 217B

9:30am - 10:50am

Session 1A: Boyer Performances, Edward Flanagan, Moderator
Room 200A

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Max Kraus	Jazz Studies	Footprints in Jazz: Analyzing and Interpreting the Music of Wayne Shorter	Greg Kettinger
Kailey McCrudden	Dance	if only	Jillian Harris

Session 1B: International Problems, Cooperative and Regulatory Responses, Orfeo Fioretos, Moderator
Room 200B

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Rachel Applewhite	Political Science	Constant Threat: Why the World Food Program Has Increased Emergency Food Aid	Orfeo Fioretos
Benjamin Clear	Political Science	Golden Rice: Normative Gaps in the Regulatory Approval Process of GMOs	Orfeo Fioretos
Coleen Engvall	Political Science	Everyone's Problem: Cooperative Stats in the International Climate Change Regime	Orfeo Fioretos
Janine Gudknecht	Political Science	The Path to Liberalizing Abortion Globally: Changing Ideas or State Interests at Work?	Orfeo Fioretos

Session 1C: Applied Pricing Analysis: Products, Labor and Insurance, Jonathan Scott, Moderator
Room 217C

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
William Best	Economics	Compensation and Productivity in Financial Services	William Stull
Steven Costa	Economics; Risk Management and Insurance	Politics and the Reduction of Poverty: The Effects of Political Development on Microinsurance Coverage Rates	William Stull
Tessa McMinn	Economics	Less Profitable or Less Desired? Why are Coaches of Women's Sports Paid Less?	Michael Leeds
Michael Witowski	Economics	Defining the Relationship between Price and Quality in the Consumer Product Market	Jonathan Scott

9:30am - 10:50am

Session 1D: Studies in Nature, Wildlife, and Sustainability: From Biophysics to Economics, Michael Zdilla,
Moderator
Room 217D

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Christopher Carnivale	Environmental Science	Biomass as a Substitute for Traditional Fossil Fuel Use	John Sorrentino
Alina Gawlinski	Biochemistry	Walking on Reduced Footholds: How a Complex Surface Impacts Locomotor Control Strategy in Cellar Spiders	Tonia Hsieh
Melissa Kurman	Biology	The Short and Long Term Physiological Response of the Cold-Water Coral <i>Lophelia pertusa</i> to Ocean Acidification	Erik Cordes

Session 1E: Engaging Creativity: Award Winning Designs, Scott Gratson, Moderator
Room 220

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Austin Gray	Media Studies and Production	Bell Tower Records	Jack Klotz
Avery Maehrer		Temple News: Keystone Awards	John DiCarlo

Session 1F: Identity, Enforced and Assumed
Room 217B

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Taylor Kaminsky	Spanish	This Is America: Speak 'American'	Thomas Morton
William Kelly	Criminal Justice; Philosophy	Religion in Prison: How Incarceration Affects Religiosity	Nicole Van Cleve
Svetlana Leonova	Anthropology	Culture of Masculinity among 911 Medical Emergency Practitioners in Philadelphia	Heather Levi
Samantha Muffuletto	Anthropology	Exploring the League of Legends Community	Heather Levi
Shawn Petroff	Media Studies and Production	The Impact of Stereotypes in a Multicultural Society	Nilgun Anadolu-Okur
Hanna Leann Wallace	African American Studies	Black Themes and Images in Film	Nilgun Anadolu-Okur

11:00am – 12:20pm

Session 2A: Affect, Anxiety and Gender Stereotype Awareness

Room 200A

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Lindsey Hildebrand	Psychology	Spatial-Gender Stereotype Awareness in Preschool Children	Nora Newcombe
Lisa Johnson	Psychology	Resilience through the Lens of Positive Affect: Emotional Clarity as a Moderator	Kathy Hirsh-Pasek
Rachel Middleton	Psychology	Social Media and School Anxiety: Using Face-to-Face Interaction to Better Understand the Relation between Social Media Use and Social Anxiety	Kathy Hirsh-Pasek
Kristine Polizzano	Psychology	Callous-Unemotional Traits in Formally Processed First Time Youth Offenders	Kathy Hirsh-Pasek

Session 2B: Emotional Regulation and Interpersonal Relations

Room 200B

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Hallie Avizad	Psychology	Are Women More Reactive to Negative Life Events than Men?	Lauren Alloy
Melissa Chipollini	Psychology	Effect of Temperance and Peer Influence on Recidivism among Antisocial Adolescents	Kathy Hirsh-Pasek
Molly Finkel	Psychology	Working to Work It Out? Examining the Relationship between Maternal Employment Factors and Emotional Intimacy of Married Couples	Marsha Weinraub
Samantha Stella	Psychology	Empathy and Social Media Usage	Jason Chein
Christine Yim	Psychology	Too Emotional to Regulate?	Lauren Alloy

Session 2C: Sports and Society, Brandon Stanford, Moderator

Room 217C

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Jason Begley	Mechanical Engineering	Fighting in Hockey	Rebecca Alpert
Jaqi Kakalecik	Biochemistry	Career Ending Injuries	Rebecca Alpert
Rachael Poznek	Nursing	Violence in MMA	Rebecca Alpert
Sue-Jin Son	Nursing	College Athletes after Injury	Rebecca Alpert
Gabi Stefy	Public Health	Concussions	Rebecca Alpert
Zac Baker	Sports and Recreation Management	Performance Enhancement in UFC	Rebecca Alpert
Lexi Cleary	Kinesiology	Psychological Impact of Runner's High	Rebecca Alpert
Mariah Slagle	Undeclared	Discrimination and Women's Soccer	Rebecca Alpert
Brennan Snyder	Accounting	Paying College Athletes	Rebecca Alpert

11:00am – 12:20pm

Session 2D: Organic and Biochemistry: Synthesis of, and Molecular Interactions between Molecules, Mike Zdilla, Moderator
Room 217D

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Claire Burns-Lynch	Chemistry	Efforts toward the Synthesis of a Nonhydrolyzable Urea Analog of Cyclic-di-GMP	William Wuest
George Pantelopulos	Chemistry	Microsecond Simulations of MDM2 and Its Complex with p53 Yield Insight into Force Field Accuracy and Conformational Dynamics	Vincent Voelz
Darius Vrubliauskas	Chemistry	Photo-[4+4]-cycloaddition (para) of Substituted Benzenes	Scott Sieburth

Session 2E: The Value of the Other and Self: Themes in Collective Individuality and Responses, Scott Gratson, Moderator
Room 220

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Jennifer Donahue	Communication Studies	The Rhetoric of Commencement Speeches	Scott Gratson
Eleanor Innes	Strategic Communication	The Commodification of Anti-Consumerism: Evaluating Adbusters' Anti-Corporate Rhetoric	Abbe Depretis
Julie Seidman	Communication Studies	Epoch of Clemency: Homophobia and Invisibility in Russian Society	Scott Gratson

Session 2F: Text and Context: Self, Society and Semiotics
Room 217B

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Jessica Burch	English	Books for Burning: Why We Keep Diaries and Why We Should Read Them	Eli Goldblatt
Armon Fouladi	Actuarial Science	Beyond the West: An Examination of Non Western Influences on American Film and Literature	Alicia Cunningham-Vryanr
Kelly McArdle	Classics	St. Lucretia? Gender Performance, Agency, and Martyrdom in Livy's Ab urbe condita Book One	Karen Hersch
Lea Stephenson	Art History	The Most Exquisite Capital: James, Wharton, and the Semiotics of Art	Katherine Henry

Session 2G: Exploring Economic Motivation: From Online Radicalism to the NHL, Niambi Carter, Moderator
Room 223

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Josh Koehnlein	Criminal Justice	The Fentanyl-Laced Heroin Epidemic: Investigating Underlying Factors and Organized Crime's Involvement in Philadelphia	Aunshul Rege
Anthony Lutz	Economics	Has the NHL's Southern Strategy Succeeded?	Michael Leeds
Scott VanZant	Criminal Justice	Online Radicalism and Terrorism	Aunshul Rege
Leanne White	Economics	Does a Kpop Band's Success Depend on Its Company Affiliation?	William Stull

Poster Session
Room 200C

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Sandra Adele	Neuroscience	Comparison between the U.S and Nigeria on the Systems of Financing Healthcare through Insurance as Verifiable Tools for Providing Accessibility to and Utilization of Health Services	Andrew Sfekas
Katherine Ament	Environmental Studies	Exploring the Food Hub Network of Philadelphia	Deborah Howe
Samta Amin	Sociology	Kids Safe and Smokefree (KiSS)	Stephen Lepore
Bridget Amponsah	Psychology	Phonological Awareness Contributions to Reading Comprehension	Jodi Reich
Elliot Bickel	Mathematics with Teaching	Learning about the Moon: Results from a First-year Pilot Study	Doug Lombardi
David Braak	Neuroscience	The Developmental Effects of Chronic Caffeine Administration on Trace Fear Conditioning Performance	Thomas Gould
Christina Cerra	Psychology	Peer Victimization as a Moderator for Pubertal Timing and Internalization among Girls	Hongling Xie
Alyson Cohen	Early Childhood Education	Integrating Universal Design for Learning into Geoscience Class Materials and Labs	Alexandra Davatzes
Christopher Conwell	Geology	Surficial Magnetic Susceptibility Trends in Variably Colored Relict Crassostrea Virginica Shells, New Jersey Coast	Ilya Buynevich
Heather DeWaal	Biochemistry	Health Literacy and Obesity Prevention Initiatives: An Analytical Review	Alice Hausman
Samantha Dunnum	Psychology	Can Predictive Sketching Facilitate Understanding of 3D Diagrams?	Thomas Shipley
Chinedu Ezeife	Undeclared	A Quantitative Analysis of Approaches Used in Combating Low Health Literacy	Alice Hausman
Lawrence Gardner	Mechanical Engineering	Walking on Reduced Footholds: How a Complex Surface Impacts Locomotor Control Strategy in Cellar Spiders	Tonia Hsieh
Michal Glogowski	Chemistry	Photo-[4+4]-cycloaddition (para) of Substituted Benzenes	Scott Sieburth
Louis Graup	Applied Mathematics	Stability Analysis of Microscopic Traffic Flow Models	Benjamin Seibold
Lauren Grove	Psychology	Perception of Opportunities in Formally and Informally Processed Male Juvenile Offenders	Kathy Hirsh-Pasek
Emily Hiserodt	Psychology	College Students and Credit Card Use: The Influence of the Endowment Effect in a Delay-Discounting Task	Donald Hantula
Alexander Hoachlandr-Hobby	Neuroscience	Role of Serotonin in Drinking Levels of Out-bred Sprague Dawley Rats	Lynne Kirby

Poster Session
Room 200C

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Tahiyana Khan	Neuroscience	The Role of Glutamate Transporter, GLT-1, and Astrocytes in Cerebral Palsy	Tanya Ferguson
Sabina Khantsis	Psychology and Neuroscience	Sex Differences in Corticotropin-Releasing Factor Antagonist Receptor Efficacy of Mitigating Anxiety-Related Behaviors	Debra Bangasser
Kyle Knouse	Chemistry	Total Synthesis and Stereochemical Assignment of Promysalin	William Wuest
Mathew Knudson	Economics	Spending, Neighborhood Effects, and Diseconomies of Scale in Education: Empirical Evidence from Pennsylvania	William Stull
Joshua Mannings	Social Work	Health Literacy in an Adult Literacy Population	Marsha Zibalese-Crawford
Marijude Morrison	Public Health	Sleep Duration, Adolescent Mental Health, and Substance Use among Urban Adolescents	Freda Patterson
Julie Mui	Environmental Science	Stability of Three Commercial Nano-alumina in Water	Bojeong Kim
Stuart Olshevski	Environmental Science	The Influence of Habitat Patch Characteristics on Pollination and Mating Patterns of a Wildflower	Rachel Spigler
Brooke Phillips	Geology	Investigation of Fluvial and Lacustrine Activity in Martian Impact Craters near the SE Boundary of Isidis Planitia	Alexandra Davatzes
Paige Randazzo	Anthropology	Erosion Patterns of Bronze Age Tombs in Dhank, Oman	Kimberly Williams
Christopher Richardson	Geology	Geochemical Signs of How Meteorite Impacts Affected Ancient Microbial Communities	Alexandra Davatzes
Morgan Rohrbach	Psychology	Predictors of Anxiety-Based School Refusal	Kathy Hirsh-Pasek
Olivia Scanlon	Speech, Language, Hearing Science	Finding the Words: Authors with Aphasia	Francine Kohen
Alexander Tucci	Speech, Language, Hearing Science; Spanish	A Preliminary Study of the Effects of Biological Gender on Grammatical Gender	Augusto Lorenzino
Janie van der Toorn	Public Health	An Exploration of Online Sexual Assault Reporting at Urban Universities	Alice Hausman
Haley Velletri	Art History	THE RISE OF THE SUPERDEALER: Investigating Influence in the Contemporary Art Market	Jonathan Kline
Elizabeth von Mehren	Theater	One Hundred Years in Corsetry: 1740-1840	Jennielynn Street
Robert Woods	Computer Science	Iris Recognition for Android Phones	Xiaojiang Du
Karen Zhang	Chemistry	Potential Roles of Fli/Etv Transcription Factor Family in Regeneration	Darius Balciunas

2:00pm – 3:20pm

Session 3A: What Will Film Acting Look Like in the 21st Century?, Lee Richardson, Moderator
Room 200A

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Sultan AlKazmi Brenden Bendorf Inga Chonjnacki Ian Connito David Glover Sierra Horsey Gabby Huggins Xhoni Kapo Jared Manders Adriana Morales Jessica Nichols Mary Beth Williamson	Film and Media Arts Theater Psychology Theater Theater Media Studies and Production Theater Theater Theater Theater Theater Theater	Acting for Film TV Class Project	Lee Richardson

Session 3B: Developing a Sense of Place, Locally, Nationally and Internationally
Room 200B

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Marvin Fequiere	Anthropology (Human Biology)	Sultan of Oman: Rise of Power and a Nation	Kimberly Williams
Kalie Mackey	Geography and Urban Studies	Tokyo: How Global is Japan's International City?	Sanjoy Chakravorty
Peter Rowe	Environmental Studies	Development on the Outer Banks: A Case of Public Perception	Robert Mason
Christopher Sohnly	Landscape Architecture	Landscape Management Plan for Gheel House	Eva Monheim

Session 3C: Histories of Ideology and Ideological Development, Travis Glasson, Moderator
Room 217C

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Andrew Denegre	History	Ebenezer Kinnersley, Electric Entrepreneur: Consumption and the Enlightenment in 18 th -century Trans-Atlantic Communities	Jessica Roney
Meir Engel	History	The City of David: A Case Study for the Evolution of Archaeological Sites into Ideological Battlefields in Israel	Lila Berman
Kaycee Itohan Osadolor	History; Anthropology	Caliban and the Trick: Public Violence, Domestic Labor, and the Black Female Body in Nineteenth Century Philadelphia	Harvey Neptune

2:00pm – 3:20pm

Session 3D: Health and Lifestyle: Investigating Clinical Conditions, Planning Preventative Programs, Charles Weitz, Moderator
Room 217D

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Austin Beller	Anthropology (Human Biology)	Variability in Childhood BMI and Adult Triglycerides	Charles Weitz
Alexandra Harland	Anthropology	Modernization in the Solomon Islands: The Relationship between Childhood Nutritional Stunting and Adult Blood Pressure	Charles Weitz
Roman Marchuk	Speech, Language, Hearing Science	Defining Cortical Deafness and Auditory Agnosia: Literature Review of 67 Cases over a Century	Gerry Stefanos
David Zaslav	Psychology	Smoking Cessation Program Attendance among Pulmonary Clinic Patients: Implication for Practice	Freda Patterson

Session 3E: The Lenses of Media: Engaging the Viewer, Scott Gratson, Moderator
Room 220

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Rebecca Hendrickson Jade Jarvis Melissa Steininger	Media Studies and Production Media Studies and Production Journalism	ON CAMPUS, ON DEADLINE AND ON THE AIR: THE INSIDE STORY OF TEMPLE UPDATE LIVE ON TUTV	Peter Jaroff Paul Gluck
Marissa Piña	Journalism	Aperture Photography	Edward Trayes

Session 3F: Gender, Race and Economic Inequality, Richard Joslyn, Moderator
Room 217B

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Daniel Craig		How Stories We Are Told Align with Our Views on Economic Inequality	Richard Joslyn
Sean Delaney		Economic Inequality Is the New Jim Crow	Richard Joslyn
Carlin Mackenzie	Political Science	Femme Invisibility: The Exclusion of Feminine Women from LGBTQ Community	Heath Fogg Davis
Audrey Rose Melli-Mirza	Political Science	Women Leadership and the Lack Thereof	Heath Fogg Davis

3:30pm – 4:50pm

Session 4A: Acting in the 21st Century: What Will the Craft Demand?, Lee Richardson, Moderator
Room 200A

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Morgan Paupaw	Theater	4 Faces	Donna Snow
Macy Davis	Theater	Is Classical Contemporary?	Lee Richardson
Kimie Muroya	Theater	Dis-Oriented: An Examination of Asian American Theater	Lee Richardson

Session 4B: Diagnosing Celebrities: From Poetic Madness to Personality Disorder, Isabelle Chang, Moderator
Room 200B

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Sasha Barren	Psychology	Two Sides of the Same Coin: Eric Harris and Dylan Klebold	Isabelle Chang
Alexandra Hionis	Psychology	Diagnosing the Celebrities: Poetic Madness of Edgar Allan Poe	Isabelle Chang
Daniel Ponti	Psychology	Diagnosing the Celebrities: Leo Tolstoy	Isabelle Chang
Faith Scanlon	Psychology	Kim Kardashian-West Takes on Histrionic Personality Disorder	Isabelle Chang

Session 4C: Gender and National Identity, Travis Glasson, Moderator
Room 217C

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Bethany Burns-Lynch	History	Elizabeth Willing Powel: Widowhood in Early National Philadelphia	Travis Glasson
Patrick DeBrosse	History	Men of Instinct, Impetuousness and Action: Chivalry and the Anglo-Norman Invasion of Ireland	Travis Glasson
Robert Lockwood	History	Whispers to Washington: Jefferson, Hamilton and U.S. Foreign Policy in the 1790's	Travis Glasson
Alaina McNaughton	History	Keeping it Patriarchal since 1876: Women's Involvement in Philadelphia's Centennial Exhibition	Travis Glasson

3:30pm – 4:50pm

Session 4D: Experiences of Gender and Sexuality

Room 217D

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Thomas DiAgostino	Women's Studies	The Queer American Dream: Race, Class and the Trans* Identity	Rujita Mandelia
Jill Richards	Women's Studies	Prostitution is the World's Oldest Oppression	Rujita Mandelia
Charlotte Wells	Women's Studies	Female Experience of Sexual Pleasure: How Women Communicate Their Sexual Pleasure to Their Partners during Sexual Intercourse	Rujita Mandelia

Session 4E: Scales and Balances; Self and Community, Donnalyn Pompper, Moderator

Room 220

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Ava Braunfeld	Strategic Communication	Pfizer and Ethical Communication Practices Disabled	Donnalyn Pompper
Erika Koiva	Advertising	Estonia House, NYC, as Community	Scott Gratson
Ryan Shuttleworth	Communication Studies	All We Hear Is Satellite Gaga: How Sirius XM Is Changing the Radio Industry Today	John DiCarlo
Nathan Wilson	Strategic Communication	Working the Second Shift: Work-Life Balance among Male Public Relations Practitioners in Philadelphia	Donnalyn Pompper

Session 4F: Global Governanace: Measures of Institutional Participation and Legal Practice

Room 217B

<i>Name</i>	<i>Major</i>	<i>Title of Work</i>	<i>Supporting Faculty</i>
Kadija Diallo	Political Science	High or Low?: Explaining Variations in Treaty Entry into Force Thresholds	Sarah Bush
Stephanie McAndrew	Political Science	Institutionalizing the Rule of Law through Global Governance Indices	Sarah Bush
Vivian Skumpija	Political Science	The Urgent State of the Earth: International Organizations and Non-State Actors to Enforce Compliance with International Environmental Law on Climate Change	Sarah Bush