

2018 Graduate Research Conference: Oral Presentations: April 10th 9:00am-4:00pm Holloway Commons
Conference Rooms

Last name	First Name	Major	Dept	Deg	Title	Room	Time block
Baga	Patrick	Political Science	POLT	MA	The Territorial Dispute between Bolivia and Chile	Squamscott	12:00-1:00pm
Bartaula	Radhika	Genetics	GEN	PHD	Dissection of non-host resistance to the wheat stem rust pathogen, using an interspecific barberry hybrid	Coheco	10:00-11:00am
Bauer	Melissa	NatRsrc:Wildlife&Cons Biology	NR	MS	Characterizing metapopulation structure and gene flow of an isolated New England cottontail population in an urban landscape	Piscataqua	11:00am-12:00pm
Belknap	Kaitlyn	Genetics	GEN	MS	Streptomyces Utilizes Northern Labrador Tea to Produce Antileukemic Secondary Metabolites	Coheco	10:00am-11:00am
Bolster	Daniel	NatRsrc:Soil&Water Rsrc Mgt	NR	MS	The Effects of Land Use on Metabolism, Denitrification, and Nitrate Assimilation in New England Streams	Piscataqua	2:00pm-3:00pm
Brown	Donna	Education	EDUC	PHD	Trying to Teach: Why Do Some International Teaching Assistants Struggle?	Lamprey	1:00pm-2:00pm
Brown	Donna	Education	EDUC	PHD	Pre-service Teachers' Perceptions of Challenging Behaviors, Childhood Trauma, and Preparedness to Teach Traumatized Children	Piscataqua	3:00pm-4:00pm
Cadigan	Ryan	Writing	ENGL	MFA	Dinner with the Devil	Lamprey	10:00am-11:00am
Cao	Guoqiang	Chemical Engineering	CHE	PHD	Role of Hydroxyl Groups in Carbon Monoxide Oxidation over Copper-Titanium Oxide Catalysts	Squamscott	1:00pm-2:00pm
Chancey	Kaelin	Mechanical Engineering	ME	MS	The Living Bridge Project: Instrumentation of a Tidal Energy Conversion System at an Estuarine Bridge	Coheco	12:00pm-1:00pm
Chang	Te-Hsin	Education	EDUC	PHD	Development and Exploration of an Instrument Measuring Student-Teacher Caring Relationships Using Nel Noddings' Theory	Squamscott	9:00am-10:00am
Choinski	Pamela	Music: Music Conducting	MUSI	MA	Percy Aldridge Grainger's Use of Folk Song in Lincolnshire Posy	Lamprey	10:00am-11:00am

Clark-Barnes	Alicia	English	ENGL	PHD	Subconscious Decision - making: Construction and Communication of Feedback in Writing Tutoring	Lamprey	2:00pm-3:00pm
Cook	Salme	Oceanography	ESCI	PHD	Estimating bed shear stress using observations and numerical models	Coheco	2:00pm-3:00pm
Coulombe	Jordan	History	HIST	PHD	A Radioactive Flash in the Pan(ama): Nuclear Energy and the Panama Canal	Squamscott	11:00am-12:00pm
Cunningham-Frisbey	Nicole	English	ENGL	PHD	Thirdspaces of Writing in the FYC Classroom: A Theoretical Pedagogical Approach	Lamprey	1:00pm-2:00pm
Dalpe	Allisa	Ocean Engineering	OE	PHD	A Multi-Layered Approach to Autonomous Surface Vehicle Map-Based Autonomy	Coheco	11:00am-12:00pm
Desrosiers	Denise	Education	EDUC	PHD	Attitudes Toward International Student Writing Models in First Year Composition	Squamscott	9:00am-10:00am
Dhillon	Gagandeep	Chemical Engineering	CHE	MS	Hydrotreating Tungsten catalyst for production of green diesel from biodiesel	Squamscott	1:00pm-2:00pm
DiCillo	Richard	English:Literature	ENGL	MA	Vampires and Vegetarians	Lamprey	12:00pm-1:00pm
Dittrich	Meaghan	English	ENGL	PHD	Embodying the Nation: Michelle Obama's Food Rhetoric	Piscataqua	9:00am-10:00am
Dodgin	Sarah	BSCI:Integrative&Organis mal	BSCI	MS	Eavesdropping on the dead: Grassland soundscapes reveal significant relationships with Nicrophorus burying beetle abundance and distribution	Squamscott	10:00am-11:00am
Evans	Carla	Education	EDUC	PHD	Effects of New Hampshire's innovative assessment and accountability system on student achievement outcomes after 3 years	Piscataqua	3:00pm-4:00pm
Ferdous	Farah	Electrical&Comp Engineering	EE	MS	Wireless Sensor System based Occupancy Detecting Technique for Energy-Efficient Building	Coheco	11:00am-12:00pm
Fernandes	Marino	English	ENGL	PHD	"I'm gonna have to make some adjustments": What sociolinguistics can teach us about teaching teachers	Lamprey	1:00pm-2:00pm
Fifty	David	Mathematics Education	MATH	PHD	Sociomathematical Norms of a Precalculus Class	Piscataqua	3:00pm-4:00pm

Fischer	Fernanda	Civil Engineering	CIE	MS	Experimental Fatigue Testing of a Gusset-Less Bridge Connection	Coheco	9:00am-10:00am
Gao	Yixuan	NatRsrc:EnvironmentalEcon	NR	MS	Shade-grown coffee production as an adaptation to pest and price risks: application to Puerto Rico	Piscataqua	2:00pm-3:00pm
Gilooly	Stephanie	Mechanical Engineering	ME	MS	Resolving the Role of the Dynamic Pressure in the Burial, Exposure, Scour, and Mobility of Underwater Munitions	Coheco	12:00pm-1:00pm
Goduto	Matthew	Political Science	POLT	MA	Analyzing the Causes and Consequences of Germany's Intervention in Kosovo	Squamscott	12:00pm-1:00pm
Gok	Sumeyra	Education	EDUC	PHD	The Effect of First Language on Second Language Acquisition	Squamscott	9:00am-10:00am
Gray	Kyle	Mathematics Education	MATH	PHD	Students' perceptions and habits of mathematical writing in undergraduate calculus	Piscataqua	3:00pm-4:00pm
Haislet	Daniel	Writing	ENGL	MFA	Somewhere Anyhow	Lamprey	9:00am-10:00am
Haslett	Katie	Civil Engineering	CIE	MS	Exploration of Temperature and Loading Rate Interdependency for Fracture Properties of Asphalt Mixtures	Coheco	9:00am-10:00am
Humberston	Josh	Oceanography	ESCI	PHD	Observed and Numerically Modeled Multi-Scale Sediment Dynamics at a Complex Wave Dominated Tidal Inlet	Coheco	2:00pm-3:00pm
Ineson	Katherine	Nat Resrces & Envirn Stdy	NRES	PHD	Little Brown Bat Population Ecology in the Northeast	Piscataqua	11:00am-12:00pm
Jilling	Andrea	Nat Resrces & Envirn Stdy	NRES	PHD	Mineral-associated organic matter: a hidden source of nitrogen in agricultural soils?	Piscataqua	1:00pm-2:00pm
Keim	Christina	Writing	ENGL	MFA	My Life as an Equestrian	Lamprey	9:00am-10:00am
Keller	Maranda	BSCI:Integrative&Organismal	BSCI	MS	Scrambling for the dead: Spatial and temporal niche partitioning in Nicrophorine burying beetles	Squamscott	10:00am-11:00am
Kleinschmidt	Melissa	English	ENGL	PHD	"In Thy Dearest Blood": The Semantics and Materiality of Blood in Kyd's The Spanish Tragedy	Lamprey	11:00am-12:00pm

Kumpas	Gokhan	Economics	ECON	PHD	Title IX and Crime	Lamprey	3:00pm-4:00pm
Lasley	Scott	English	ENGL	PHD	"I just don't understand it": Using Racial and Information Literacies in the Composition Classroom	Lamprey	2:00pm-3:00pm
Liu	Yong	Chemical Engineering	CHE	PHD	Diffusion Networks of CO and H2 within FeFe Hydrogenase	Squamscott	1:00pm-2:00pm
Liu	Wenjing	Mathematics	MATH	PHD	A Generalized Voiculescu Theorem of AH-algebras into Semifinite von Neumann Algebras	Coheco	1:00pm-2:00pm
Lostoski	Leanna	English	ENGL	PHD	What the Thunder is Saying: The Ecology of T. S. Eliot's The Waste Land	Lamprey	2:00pm-3:00pm
Marsh	Dalton	Mathematics Education	MATH	PHD	What Leads Students to STEM Majors? Instructional Practices, Attitudes Towards Math and Science, and Differences Among Underrepresented Groups	Piscataqua	10:00am-11:00am
Mashayekhizadeh	Maryam	Civil Engineering	CIE	PHD	Multi-Scale Finite Element Model Development for Long-Term Condition Assessment of Vertical Lift Bridge	Coheco	9:00am-10:00am
McDonough	John	Writing	ENGL	MFA	Adjusting to Life as a Three Legged Dog	Lamprey	9:00am-10:00am
Melamed	Kristen	Writing	ENGL	MFA	Gastronomy and Other Adventures	Lamprey	9:00am-10:00am
Milosavljevic-Ardeljan	Jovana	Education	EDUC	PHD	Communication Across Disciplines: Effectively Articulating the Value of your Work	Piscataqua	10:00am-11:00am
Montemuro	Brandon	Math Applied	MATH	PHD	Viscous versus inviscid exact coherent states in high Reynolds number wall flows	Coheco	1:00pm-2:00pm
O'Connor	Brian	Political Science	POLT	MA	"Following the Crowd: Trends of Campaign Personal Appearances During the New Hampshire Primary Season."	Squamscott	12:00pm-1:00pm
Oliva	Justine	History	HIST	PHD	The Circles of Anne C. Lynch Botta: Friendship and Power in the Nineteenth Century	Squamscott	11:00am-12:00pm
O'Neill	Mitchell	NatRsrc:Environmental Consvrtn	NR	MS	Spatial patterns of terrestrial invasive plant abundance in the contiguous United States	Piscataqua	2:00pm-3:00pm

Park	Cooper	Microbiology	MICR	MS	Phylogenetic diversity and population structure of <i>Streptomyces</i> bacteria in the earthworm gut	Squamscott	2:00pm-3:00pm
Parker	Victoria	English:Literature	ENGL	MA	Gender, Innocence, and "Growing Sideways" in Tamakis' <i>This One Summer</i>	Lamprey	12:00pm-1:00pm
Parker	John	Math Applied	MATH	PHD	Mutual Stabilization within Bidirectional Two Cell FitzHugh-Nagumo Neurons	Coheco	1:00pm-2:00pm
Payne	Andrew	Natural Resources	NR	MS	Effects of sea level rise on plant productivity and elevation dynamics in New Hampshire salt marshes	Piscataqua	11:00am-12:00pm
Perkins	Sabina	BSCI:Integrative&Organis mal	BSCI	MS	Investigating the use of active fluorescence in determining condition of deep-water cyanobacteria stratifications.	Squamscott	10:00am-11:00am
Perryman	Clarice	Earth&Environmental Sci	NRES	PHD	Illuminating Geochemical Controls of Methane Oxidation Across a Gradient of Permafrost Thaw	Piscataqua	12:00pm-1:00pm
Phillips	Mia	BSCI:Integrative&Organis mal	BSCI	MS	Parenting through the noise: burying beetles exhibit behavioral resilience to substrate-borne vibrational disturbance during parental care	Squamscott	10:00am-11:00am
Pokraka	Abby	Political Science	BSCI	MS	A Causal Analysis of Nuclear Weapons Proliferation.	Squamscott	1:00pm-2:00pm
Pokraka	Abby	Political Science	POLT	MA	A Causal Analysis of the Shift from the Obama NPR to the Trump NPR	Squamscott	12:00pm-1:00pm
Raymond	Kristin	English	ENGL	PHD	Diversity and Identity in the Composition Classroom	Lamprey	1:00pm-2:00pm
Riley	Samantha	English	ENGL	PHD	Composition as Bodily Rhetoric: A Multimodal Understanding of Student-Athlete Literacy Practices	Piscataqua	9:00am-10:00am
Robison	Andrew	Nat Resrces & Envirn Stdy	NRES	PHD	Dissolved greenhouse gas variability in a suburbanizing river network	Piscataqua	12:00pm-1:00pm
Sayres	Shaun	History	HIST	MA	"A Dangerous Liberty:" Mohawk-Dutch Relations and the Colonial Gunpowder Trade	Squamscott	11:00am-12:00pm
Schuster	Kevin	Biochemistry	BCHM	PHD	Investigating the pharmacological and physiological results of nematode phosphodiesterase inhibition	Squamscott	2:00pm-3:00pm

Shaughnessy	Kathleen	English:Literature	ENGL	MA	Spinster Cousin, Story Crafter, Social Critic: Jenny As West's Narrator in The Return of the Soldier	Lamprey	12:00pm-1:00pm
Sheckler	Elizabeth	English	ENGL	PHD	Lying and Lying-In: Victorian Maternity Medicine and the Crisis of Privacy	Lamprey	10:00am-11:00am
Short	Lauren	English	ENGL	PHD	Radical Consubstantiality: Protestant Women's Rhetoric in Response to Politics	Piscataqua	9:00am-10:00am
Siddique	Talha	NatRsrc:EnvironmentalEcon	NR	MS	Optimal farm spatial configurations for increased pest reliance: a bio-economic application to apple orchards	Piscataqua	1:00pm-2:00pm
Simon	David	Hydrology	ESCI	MS	Quantifying the impact of dams on floods, droughts, and nutrient flux in the Lamprey River watershed	Coheco	2:00pm-3:00pm
Smith	Joshua	Molec & Evol Systems Biology	MCBS	PHD	Epidemiology and prevalence of methicillin-resistant Staphylococcus species in veterinary animals	Squamscott	2:00pm-3:00pm
Stafford	Nathaniel	Psychology	PSYC	PHD	Ultrasonic vocalizations and stress resilience: Behavioral and neurobiological correlates	Coheco	10:00am-11:00am
Stephens	Ryan	Nat Resrces & Envirn Stdy	NRES	PHD	The underappreciated role of generalists in rodent-mycorrhizal dispersal networks	Piscataqua	1:00pm-2:00pm
Stesienko	Andrew	English	ENGL	PHD	"Like the Ponitc Sea": The Nature of Othello's Rhetoric	Lamprey	11:00am-12:00pm
Sullivan	Patrick	Justice Studies	JUST	MA	The Challenge of Police Recruitment	Lamprey	3:00pm-4:00pm
Teeters	Lila	History	HIST	PHD	Negotiating a Livelihood: Charles Eastman and the Economics of Belonging	Squamscott	11:00am-12:00pm
Thomas	Ashlee	English:Literature	ENGL	MA	Reading Indigenous YA Literature: Intersections of Common Core, Canonicity, and Exclusion	Lamprey	12:00pm-1:00pm
Turell	Yusi	Nat Resrces & Envirn Stdy	NRES	PHD	"No Night Without Light" -- Conditions for Social Franchising and the Growth of a Social Enterprise Across India's Urban Slums	Piscataqua	11:00am-12:00pm
Williams	Lindsey	Nat Resrces & Envirn Stdy	NRES	PHD	Wave of the future or more of the same? Stormwater Green Infrastructure Equity in New York City	Piscataqua	12:00pm-1:00pm

Wu	Linghui	Economics	ECON	PHD	An ecological-economic model of trade-offs between pest control and pollination service provision: the case of neonicotinoid insecticides	Lamprey	3:00pm-4:00pm
Zecevic	Milovan	Mechanical Engineering	ME	PHD	Modeling the effect of stress state on martensitic phase transformation in austenitic steel	Coheco	12:00pm-1:00pm