



VILLANOVA  
UNIVERSITY  
College of Liberal Arts  
and Sciences

## Graduate Research Fellowships

Summer 2017

Student's Last Name	Student's First Name	Program/Department	Title of Proposal
Bauer	Caitlin	Biology	The interacting effects of genotype and environment on tall-form <i>Spartina alterniflora</i> in New England salt marshes
Buehler	Matthew	Biology	Hidden Species Diversity in Sea Kraits ( <i>Laticauda</i> )
Butler	Brett	Biology	Geographic Barriers and Speciation in Lizards of Southwestern Africa
Davis	Hayden	Biology	Biogeography and convergent evolution of the genus <i>Cyrtodactylus</i> within Borneo
Garlinger	Rebecca	Biology	Dominance and sociality: implications for a moving songbird hybrid zone
Barr	Mary Frances	Chemistry	Formation of brown carbon in snow and ice through SOA-like chemistry
Leonard	Julia	Chemistry	Synthesis and Characterization of Heterobimetallic Complexes Supported by Substituted Trispyridylphosphines
Schallenhammer	Stephanie	Chemistry	Hybrid Quaternary Ammonium Compounds Inspired by Commercially Used Antiseptic Agents
Sojati	Jorna	Chemistry	Pathogenic Agents and $\beta$ -Hydroxybutyrate Dehydrogenase: the physiological role in trypanosomes and identification of a putative Salmonella $\beta$ -HBDH
Madson	Luke	Classical Studies	Sophocles' <i>Ajax</i> : Subversive Narratives and Hoplite Combat Trauma
Leithart	Christian	English	Shaping Gentle Discipline: The Reader in <i>The Faerie Queene</i>
Smedberg	Casey	English	Negative Depictions of Arthur in the <i>Historia Regum Britanniae</i> and its Derivative Texts

Carter	Amber	Environmental Science	Use of Sediment Fingerprinting Techniques to Evaluate Contaminant Sources in The Guánica Watershed of Puerto Rico
Zawatski	Mary	Environmental Science	Carbon and Sediment Dynamics in Salt Marshes of Plum Island Sound Estuary, Massachusetts
Chima	Vicrim	History	Pioneering Punjabi's Digital Archive
Loden	Bonnie	History	The Impact of One Hundred Days During the Civil War
Drain	Christopher	Philosophy	Human Activity and Mediation: A Neo-Vygotskian Encounter with Situated Cognition
Filbert	Katherine	Philosophy	Harming Stupidity: Perspectivism as an Ethics of Thought
Adams	Katie	Psychology	Effects of Alcohol Intoxication on Sexual Behavior in Tph2KI Male Mice
Benecke	Abigail	Psychology	Redundancy and variability in speech: Listeners' use of token-level phonetic cues
Davila	Adam	Psychology	Concept learning in Archer Fish
Fugo	Perrin	Psychology	Father involvement and mother-infant relationships in families experiencing homelessness
Hartman	Michael	Psychology	Developing a Negative Distortion Scale for the PID-5
Oxford-Romeike	Zachary	Psychology	The Effect of Drug Dependence on Hedonic Responding
King	Alexandra	Theatre	Oral History as Performance in the Practice of Theatre for Social Change
Wright	Sierra	Theatre	Navigating the World of Fiscal Sponsorship: A Guide for Artistic and Cultural Organizations