

PNB Theses for 2013-2014 Session				
Supervisors within the PNB Department				
Thesis Title	Supervisor	Course	Student	Program
It's All About Me: Stressor-Task Relatedness Influences Task Utility & Performance In Depression	Andrews	4D09	Bharwani, Aadil	SCI: H BIOLOGY & PSYCH
The Source Dilemma: A Psychophysical Account Of Dissonance Perception In Music	Andrews	4D09	Bonin, Tanor	SCI: H PNB (MUSIC COGNITION)
Mood Affects on Analytical Task Performances	Andrews	4D09	Celli, Samantha	SCI: H BIOLOGY & PSYCH
Fictional Writing: A New Therapeutic Disclosure for Treating Depression	Andrews	4D09	Rheume, Alan	SCI: H PSYCH-NEUROSCI&BEHAV
Social or Solitary: Grouping Preferences in Invasive Round Goby	Balshine	4D09	Capelle, Pauline	SCI: H BIOLOGY & PSYCH
The Effect of Chronic Wastewater Effluent Exposure on Aggression in the Round Goby ( <i>Neogobius melanostomus</i> )	Balshine	4D09	Krutzelmann, Emily	SCI: H BIOLOGY & PSYCH
Safety In Numbers? An Investigation Of Grouping Behaviour In A Social Fish In The Presence Of Olfactory And Visual Cues Of Predation	Balshine	4D09	Odetunde, Aderinsola	SCI: H BIOLOGY & PSYCH
Controlling a Brain-Computer Interface Using Mental Imagery: A Comparison between Visual, Auditory, and Motor Commands	Becker	4D09	Carcone, Dean	SCI: H BIOLOGY & PSYCH
The Effects Of Age And Diet On Hippocampal Neurogenesis In Mice	Becker	4D09	Fitzgibbon, Kyle	SCI: H BIOLOGY & PSYCH
A Computational Model of Spatial Memory Processes	Becker	4D09	Kudus, Kareem	SCI: H MATH & STATS
Effects Of Exercise, Diet, And Stress On Hippocampal Brain-Derived Neurotrophic Factor Gene Expression And Depressive-Like Behavioural Symptoms In Mice	Becker	4D09	LoGiudice, Andrew	SCI: H BIOLOGY & PSYCH
Visual Rivalry: Neural Mechanisms of Binocular Vision and Aging	Bennett	4D09	Shafaqat, Faiza	SCI: H BIOLOGY & PSYCH
Behavioural Differences in Reversal Rates for Continuous vs. Discontinuous Presentation of a Necker Cube Lattice	Bennett	4D09	Truong, David	SCI: H BIOLOGY & PSYCH
The Neural Basis of Expressive Gesture	Brown	4D09	Beaulieu, Ashley	SCI: H BIOLOGY & PSYCH
Neural Mechanisms Underlying Vocal Pitch Modulation in Humans	Brown	4D09	Gitau, Kevin Mahiri	SCI: H BIOLOGY & PSYCH
The Neural Basis of Prayer: The Effect of Belief on Theory of Mind Activation in Personal Prayer	Brown	4D09	Petker, Tashia	SCI: H PNB (MUSIC COGNITION)
Additive Effects Of Bisphenol-A On Blastocyst Implantation In Cf-1 Mice	deCatanzaro	4D09	Greenacre, M.	ART&SCI: H ARTS & SCI & PSYCH
The Effects of Predator Stress on Mouse Uterine Lumen and Apical E-Cadherin Expression in Early Gestation	deCatanzaro	4D09	Partch, Trevor	SCI: H BIOLOGY
Bisphenol A: Low Dose Effects and Fulvestrant Interaction	deCatanzaro	4DD6	Velauthapillai, Tharshni	SCI: H BIOLOGY & PSYCH
The Genetic Influence On Social Behaviour In Fruit Fly Larvae	Dukas	4D06	Imbault, Constance	SCI: H PSYCH-NEUROSCI&BEHAV
Why Join Others? Possible Evidence for Group Facilitation in Fruit Fly Larvae	Dukas	4D06	Padilla, Tatiana	SCI: H PSYCH-NEUROSCI&BEHAV
Ecological Factors Affecting Social Behaviour of Drosophila Larvae	Dukas	4D09	Kemp, Rebecca	SCI: H BIOLOGY & PSYCH
Factors Determining Mate Choosiness In Male Fruit Flies	Dukas	4D09	Wilson-Jeffers, Rachel	SCI: H BIOLOGY & PSYCH
3H-Estradiol Transfer From Male Big Brown Bats To Cohabiting Females	Faure	4D09	Greville, Lucas	SCI: H BIOLOGY & PSYCH
Developmental Changes In The Axonal Projections Of The Avcn-Lso Pathway	Gillespie	4D09	Sikder, Amit	SCI: H BIOLOGY & PSYCH
Effects Of Vibratory Adaptation On Tactile Spatial Perception	Goldreich	4D09	Chan, Arielle	SCI: H BIOLOGY & PSYCH
Testing a Bayesian Observer Model of the Cutaneous Rabbit Illusion	Goldreich	4D09	Ngo, Vy	SCI: H BIOLOGY & PSYCH
The Effect Of Manipulating Stimulus Bar Length On Passive Tactile Orientation Discrimination	Goldreich	4D09	Staibano, Phillip	SCI: H BIOLOGY & PSYCH
Changes in Amygdala Volume in Offspring of Parents Diagnosed with Bipolar Disorder	Hall	4D09	Diplock, Benjamin	SCI: H PSYCH-NEUROSCI&BEHAV
Neuroplastic Changes in Default Mode Network Functional Connectivity During Middle Childhood	Hall	4D09	Sheng, Bruce	SCI: H BIOLOGY & PSYCH
A TOT to Remember: Implicit Learning of Tip-of-the-Tongue States	Humphreys	4D09	Harley, Jonathan	SCI: H BIOLOGY & PSYCH
I Swear I Know His Name: Error Learning Of Face-Induced Tip-Of-The-Tongue States	Humphreys	4D09	Li, Timmie	SCI: H PSYCH-NEUROSCI&BEHAV
The Roles of Working Memory and Intervening Task Difficulty on Interleaved Learning	Kim	4D09	Dias, Aaron	SCI: H BIOLOGY & PSYCH
The Effect of Gamification on Student Engagement and Learning	Kim	4D09	Lalani, Shams	SCI: H PSYCH-NEUROSCI&BEHAV
Mapping the First Year Transition: Factors Influencing First Year Academic Performance	Kim	4D09	Omorogbe, Imuetinyan	SCI: H PSYCH-NEUROSCI&BEHAV
Encouraging Students to Self-Test During Study	Kim	4D09	Saull, Edward	SCI: H PSYCH-NEUROSCI&BEHAV
Working Memory Training In Adults With ASD	Landry	4D09	Al-Taie, Shems	SCI: H PSYCH-NEUROSCI&BEHAV
The Effect Of Spatial Frequency On Judgments Of Identity In Adult Synaesthetes	Maurer	4D09	Ashfaq, Iqra	SCI: H PSYCH-NEUROSCI&BEHAV
Spatial Frequency Tuning For Judgments Of Facial Identity And Eye Gaze In Children And Adults	Maurer	4D09	Langer, Mursal	SCI: H BIOLOGY & PSYCH
Can Repeated Words Lead to Better Memory? A Study of Perceptual Difficulty, Repetition and Memory	Milliken	4D06	El-Mahallawy, Mohamed	SOC SCI: COMB H ECON & PSYCH
The Mitigating Effects Of Experience In An Attentional Blink Paradigm	Milliken	4D09	Zavarella, Fredo	SOC SCI: H PSYCH-NEUROSCI&BEHAV
Top-Down Influences On Gender Aftereffects	Rutherford	4D06	Harrington, Elise	SOC SCI: H PSYCH-NEUROSCI&BEHAV
Categorical Perception of Facial Emotions in Toddlers	Rutherford	4D09	Da Silva, Natasha	SCI: H BIOLOGY & PSYCH
Can Infant Social Orienting Predict Theory Of Mind Development At Four Years Of Age?	Rutherford	4D09	Khan, Wardah	SOC SCI: H PSYCH-NEUROSCI&BEHAV
Social Cognition and its Role in Autism Spectrum Disorder	Rutherford	4D09	Popovic, Tatjana	SCI: H PSYCH-NEUROSCI&BEHAV
The Interaction Of Shyness, Sociability, And Social Exclusion	Schmidt	4D09	Cote, Paige	SCI: H PSYCH-NEUROSCI&BEHAV
Do Boys And Girls Respond Differently To Parental Anxiety? A Differential Susceptibility Approach	Schmidt	4D09	Fortier, Paz	SOC SCI: H PSYCH-NEUROSCI&BEHAV
Resting Frontal EEG Asymmetry and Individual Differences in Obsessive-Compulsive Behaviours in Young Adults	Schmidt	4D09	Irving, Samantha	SCI: H PSYCH-NEUROSCI&BEHAV
Linking Children's Shyness and Anxiety Problems: An Examination of Moderating Influences	Schmidt	4D09	Tsui, Tiffany	SCI: H PSYCH-NEUROSCI&BEHAV
The Effect of Aging on Face Perception Across Different Viewpoints	Sekuler	4D09	Lee, Clara	SCI: H PSYCH-NEUROSCI&BEHAV
Individual Differences in the Bivalency Effect - Mindfulness and Self-Esteem	Shedden	4D09	Chow, Nok Hang	SCI: H BIOLOGY & PSYCH
The Creation Of A Stimulus Set To Investigate Social Perceptions In Video Communication	Shedden	4D09	Legere, Joey	SOC SCI: H PSYCH-NEUROSCI&BEHAV
The Role of Saliency In The Bivalency Effect	Shedden	4D09	Patel, Dhruv	SCI: H PSYCH-NEUROSCI&BEHAV
Task Fluency as an Indicator of Self-Similarity: Does it Bias Cognitive Representation of New Individuals?	Shedden	4D09	Pellarin, Amy	SOC SCI: H PSYCH-NEUROSCI&BEHAV
Attentional Bias For Lego People: Assessing High And Low-Level Features In Animacy Detection	Shore	4D09	Cullen, Rachael	SCI: H PSYCH-NEUROSCI&BEHAV

Virtually Touching the Consumer: Attempting to Bridge the Gap between Touch and E-Commerce	Shore	4D09	Iatomasi, Michelle	SCI: H BIOLOGY & PSYCH
Developmental Trajectory of Visuotactile Integration in the Central and Peripheral Visual Field	Shore	4D09	Mokhtar, Miriam	SCI: H PSYCH-NEUROSCI&BEHAV
Reducing the Crossed-hands Deficit Through Visual Deprivation	Shore	4DD6	Tugnait, Priya	SCI: H BIOLOGY & PSYCH
The Effect Of Item Orientation Information On The Contextual Cueing Effect	Sun	4D09	Zhang, Wenshang	SCI: H BIOLOGY & PSYCH
Object Orientation Facilitates Novel Scene Recognition	Sun	4D09	Zhou, Daniel	SCI: H PSYCH-NEUROSCI&BEHAV
Acoustic Properties Underlying Sensory Consonance Preference In 6-Month-Old Infants	Trainor	4D09	Howitt, Amanda	SCI: H PSYCH-NEUROSCI&BEHAV
The Physiological Underpinnings Of Why We Love To Groove	Trainor	4D09	Slavin-Stewart, M. Claire	ART&SCI: H ARTS & SCI & PSYCH
Assessing Seven-year-old Children's Musical Beat Perception and Synchronization Abilities	Trainor	4D09	Tyrell, Orla	SCI: H PSYCH-NEUROSCI&BEHAV
<b>Supervisors Outside the PNB Department</b>				
Practice Makes Perfect: Training Self-Control Strength Develops Better Self-Control	Bray	4D09	Bakaa, Nora	SCI: H PSYCH-NEUROSCI&BEHAV
Imagine With Your Mind, Achieve With Your Might! Imagery Training Leads To Enhanced Self-Control	Bray	4D09	Guirguis, Steven	SOC SCI: H PSYCH-NEUROSCI&BEHAV
Mental Imagery and Self-Control: The Effects Of Mental Imagery Self-Control Training On Physical and Cognitive Self-Control	Bray	4D09	Russo, Alena	SCI: H PSYCH-NEUROSCI&BEHAV
The Impact Of Autonomous Priming On Perceptions Of High-Intensity Interval Training	Bray	4D09	Teseo, Amanda	SCI: H BIOLOGY & PSYCH
Predicting Passive Cyberstander Behaviour Among University Students	Cunningham	4D06	Campos, Melissa	SCI: H PSYCH-NEUROSCI&BEHAV
Cortical Myelin Content Mapping In Bipolar Disorder – A Pilot Study	Frey	4D09	Malik, Bilal	SCI: H BIOLOGY & PSYCH
Volumetric Analysis of the Striatum in Unmedicated Peri-/Post- Menopausal Women With Major Depressive Disorder	Frey	4D09	Rana, Natasha	SCI: H BIOLOGY & PSYCH
Painfully Blue: A Retrospective Data Analysis on the Relationship Between Depression and Chronic Pain Coping Strategies	Hapidou	4D06	Bakmazian, Arman	HUMAN: H PHILOS & PSYCH
Examining The Relationship Between Lifestyle Factors and Cognitive Function in Older Adults	Heisz	4D09	Tejada, Mary Grace	SCI: H BIOLOGY & PSYCH
The Effect Of Priming On The Test Scores And Classroom Participation Of Children With Autism Spectrum Disorder	Hundert	4D09	Chouinard, Meghan	SCI: H PSYCH-NEUROSCI&BEHAV
Grade Three Academic Outcomes of Ontario Kindergarten Children with Speech Problems	Janus	4D09	Labonte, Chantal	SCI: H PSYCH-NEUROSCI&BEHAV
Mindfulness-Based Cognitive Therapy for Residual Anxiety in Obsessive Compulsive Disorder Patients: Quantitative and Qualitative Results	Key	4D06	Sguazzin, Christina	SOC SCI: H PSYCH-NEUROSCI&BEHAV
Perfectionism and the Role of Emotion Regulation Strategies on the Recovery From Stress	LeMoult	4D06	Rice, Ashleigh	SOC SCI: H PSYCH-NEUROSCI&BEHAV
Service Wants, Needs, and Barriers to Rehabilitation Success in Adults with an Acquired Brain Injury	Linder	4D06	Esteves, Jeffrey	SOC SCI: H PSYCH-NEUROSCI&BEHAV
The Effectiveness of a Collaborative Problem Solving Training Program: Providing Skills to Staff and Students Working with Acquired Brain Injury Clients	Linder	4D06	Mastinsek, Michelle	SOC SCI: H PSYCH-NEUROSCI&BEHAV
The Effectiveness of Staff Training Programs in a Community Agency Serving Adults with Acquired Brain Injuries: B-Trak Training	Linder	4D06	Prince, Michelle	SCI: H PNB - MUSIC COGNITION
Communication Rehabilitation: Teaching Functional Communication Skills To Adults With Acquired Brain Injury	Linder	4D09	Mason, Julia	SCI: H PSYCH-NEUROSCI&BEHAV
Does Personality Influence Self-Reported Improvements in Memory Functioning After a Top-Down Memory Intervention Program in Depressed Individuals?	Losier	4D09	Brazil, Kristopher	SOC SCI: H PSYCH-NEUROSCI&BEHAV
Criminal Offenders and Mental Health: A Comparison of Males and Females in the Mental Health System	Mamak	4D09	Sabourin, Ashley	SOC SCI: H PSYCH-NEUROSCI&BEHAV
Investigating Mindfulness as a Protective Factor in a Group of Health Care Professionals Exposed to a Shared Traumatic Event	McKinnon	4D06	McCrackin, Sarah	SCI: H PSYCH-NEUROSCI&BEHAV
The Impact of Regular Caffeine Consumption Level, Personality Differences, and Temporary Withdrawal or Withdrawal Reversal on Psychological Response to Stress in Otherwise Healthy Adult Coffee Drinkers	McNeely	4D09	Holder, Laura	SCI: H PSYCH-NEUROSCI&BEHAV
Patients' and Staff's Perceptions of a Psychiatric In-Patient Facility	McNeely	4D09	Ramachandran, Maitreyi	SCI: H PSYCH-NEUROSCI&BEHAV
The Perception of English Subphonemic Cues by Urdu-English Bilinguals	Moro	4D09	Rana, Fareeha	SCI: H BIOLOGY & PSYCH
Characteristics Of Children With Autism Spectrum Disorder Referred To Intensive Behaviour Intervention In Hamilton-Niagara Regional Autism Intervention Program	Reitzel	4DD6	Yun, Sungmo	SCI: H BIOLOGY & PSYCH
Understanding the Relationship between Interpretation Biases and Post-Event Processing in Social Anxiety Disorder	Rowa	4D06	Szorenyi, Jessica	SOC SCI: H PSYCH-NEUROSCI&BEHAV
Reading Others' Minds: Theory of Mind in Social Anxiety Disorder	Rowa	4D06	Wyers, Cassandra	SCI: H PSYCH-NEUROSCI&BEHAV
Behavioural Effects Of Sustained Administration Of Anti-Ribosomal P Antibodies Into The Healthy Mouse Brain: Implications For Neuropsychiatric Lupus	Sakic	4D09	Cooper, Marcella	SCI: H PSYCH-NEUROSCI&BEHAV
Behavioural Effects Of Sustained Anti-Nmdar Antibody Administration Into The Healthy Mouse Brain	Sakic	4D09	Stojanovic, Milica	SCI: H PSYCH-NEUROSCI&BEHAV
Behavioural Effects of Sustained Administration of Anti-Cytoskeletal Antibodies into the Healthy Mouse Brain: Implications for Neuropsychiatric Lupus	Sakic	4D09	Taylor, Sarah	SOC SCI: H PSYCH & SOCIOLOGY
The Impact Of Prenatal Maternal Stress On Offspring Cognitive Function And The Moderating Role Of Postnatal Maternal Sensitivity	Sassi	4D06	Mankoo, Manvir	SCI: H PSYCH-NEUROSCI&BEHAV
Emotional Processing in Children with Depressed Mothers as a Predictor for Psychiatric Outcome	Sassi	4D09	Saldanha, Kimberley	SOC SCI: H PSYCH-NEUROSCI&BEHAV
White Matter Tract Integrity in Children with Bipolar Disorder	Sassi	4DD6	Joseph, Vanessa	SCI: H BIOLOGY & PSYCH
Effect of Collective Emotion Regulations on Customer Service Employees After Unpleasant Customer Interactions	Schat	4D06	Qiu, Hanzhi (Gloria)	SCI: H PSYCH-NEUROSCI&BEHAV
Temporal Structure and Audio-Visual Integration: Exploring the Role of Amplitude Envelope	Schutz	4D06	Bamikole, Peter	SCI: H PNB - MUSIC COGNITION
Trained to Keep a Beat? Musical Training in Finger Tapping	Schutz	4D06	Harris, Jennifer	SCI: H PSYCH-NEUROSCI&BEHAV
How Music Speaks: The Role Of Musical Cues In Emotion Perception	Schutz	4D06	Martinez, Diana	SOC SCI: H PNB - MUSIC COGNITION
Investigating the Role of Serial Order STM in Normal Reading Processes	Service	4D09	Dhaddha, Neetika	SCI: H PSYCH-NEUROSCI&BEHAV
To Vote or Not to Vote: An Analysis of the Factors That Impact Youth Voters	Sevigny	4D09	Abdulla, Abir	SCI: H PSYCH-NEUROSCI&BEHAV
A Family Based Survey Of Mealtime Behaviours In Children With Autism Spectrum Disorder	Summers	4D06	Jones, Emily	SOC SCI: H PSYCH-NEUROSCI&BEHAV
Predictors of Treatment Response Amongst Youth Receiving Treatment for Anorexia Nervosa	Van Blyderveen	4D06	Leung, Pauline	SCI: H PNB - MUSIC COGNITION
The Effectiveness of Affect Regulation Strategies in Reducing Susceptibility to Stress Eating	Van Blyderveen	4D09	Bhatoa, Isha	SCI: H PSYCH-NEUROSCI&BEHAV
Long-Term Psychosocial Outcomes Of Pediatric Acquired Brain Injury	Velikonja	4D06	Riviere, Courtney	SCI: H PSYCH-NEUROSCI&BEHAV

A Comparison of Simple Conditional Training and Simultaneous Mixed Presentation Training on Correct Responding and Generalization for Children with Autism	Walton-Allen	4D06	Watt, Carly	SOC SCI: H PSYCH-NEUROSCI&BEHAV
Perceptual Asymmetry in Music	Woolhouse	4D06	Spyra, Joanna	SOC SCI: H PNB - MUSIC COGNITION
Forever Young: Analyzing the Effects of Reminiscence Bumps on Musical Preferences	Woolhouse	4D09	David Thevathayalan, N.	SCI: H BIOLOGY & PSYCH
An Investigation of Eye-Movements in the Observation of Dance	Woolhouse	4D09	Lai, Rosemary	SCI: H PNB - MUSIC COGNITION