

Titles for 2011 Undergraduate Thesis (Psych 4D06-4D09) Research Projects

Supervisors within the Department of Psychology, Neuroscience & Behaviour

Thesis Title	Supervisor		Student	Programme
Anti-Aging Dietary Supplementation Improves Mice' Long Term Memory	Dr. Balshine/Dr. Rollo	4D09	Han, Jiawei	SCI: H PSYCH,NEUROSCI&BEHAV
Effects Of Depression And Lifestyle On Neurogenesis-Dependent Memory Tasks	Dr. Becker	4D06	Haddad, Ribal	SCI: H PSYCH,NEUROSCI&BEHAV
Examining The Effects Of Stress, Depression And Lifestyle Factors In Neurogenesis-Dependent Cognitive Tasks	Dr. Becker	4D09	Cochrane, Melanie	SOC SCI: H PSYCH,NEUROSCI&BEHAV
Hippocampal Neurogenesis-Dependent Memory: Effects Of Stress, Depression & Other Correlates Of Neurogenesis	Dr. Becker	4D09	Crevier, Kathryn	SCI: H PSYCH(BEH NEURSC)
Heightened Susceptibility To Alcohol Consumption During Adolescence	Dr. Becker	4D09	Seitelbach, Snir	SOC SCI: H PSYCH,NEUROSCI&BEHAV
Age-Related Changes In Perception Of Faces And Biological Motion Using EEG	Dr. Bennett	4DD6	Trivedi, Nidhi	SCI: H BIOLOGY&PSYCH
Loudness Growth In Normal Hearing, Hearing Loss, And Tinnitus	Dr. Bosnyak	4D09	Tuff, Taylor	SCI: H PSYCH,NEUROSCI&BEHAV
The Neuroscience Of Romeo & Juliet	Dr. Brown	4D09	Yuan, Ye	SCI: H PNB (MUSIC COG)
Correlating Individual Risk Attitudes And Height	Dr. Daly	4D06	Armstrong, Karina	ART&SCI: H ARTS&SCI&PSYCH
Correlates Of Fear Of Crime In Mcmaster Undergraduate Students	Dr. Daly	4D09	Ashbourne, Jessica	ART&SCI: H ARTS&SCI&PSYCH
A Database For The Support Of Effective Placement Practice And Research On The Factors Affecting Child Outcomes	Dr. Daly	4D09	Kotler, Jennifer	SCI: H BIOLOGY&PSYCH
The Impact Of Mortality Saliene On Life History Attitudes	Dr. Daly/Dr. Krupp	4D09	Barbeau, Anne	SCI: H PSYCH,NEUROSCI&BEHAV
Potential Impact Of Atrazine And Triclosan On Blastocyst Implantation In Mice (Mus Musculus)	Dr. deCatanzaro	4D09	Crawford, Brent	SCI: H BIOLOGY&PSYCH
Circadian Variation And The Effect Of Acute Stress On Mouse Urinary Corticosterone And Testosterone	Dr. deCatanzaro	4D09	Rajabi, Nazanin	SCI: H BIOLOGY&PSYCH
Learning In Female Fruit Flies Within The Context Of Sexual Experience And Mate Choice	Dr. Dukas	4D09	Bajwa, Ammy	SCI: H BIOLOGY&PSYCH
Correlations Between Jealousy And Mate-Choice Preferences	Dr. Feinberg	4D06	Gunn, Devon	SOC SCI: H PSYCH,NEUROSCI&BEHAV
The Voice and The Face: Different Cues That Signal The Same Qualities (Jitter & Shimmer)	Dr. Feinberg	4D09	Chu, Pui Ki	SCI: H PSYCH,NEUROSCI&BEHAV
Attentional Bias Towards Attractive Voices	Dr. Feinberg	4D09	Haller, Sarah	HUMAN: H CSCT & PSYCHOLOGY
Familiarity Affects Vocal Attractiveness	Dr. Feinberg	4D09	Rennie, Jessica	SCI: H BIOLOGY&PSYCH
Men Show A Left-Ear Bias For The Processing Of Female Voices With Negative Emotional Valence	Dr. Feinberg	4DD6	Pandya, Sarit	SCI: H BIOLOGY&PSYCH
Temporal Order Judgment Task: Processing Of Average Male And Female Faces	Dr. Feinberg/Dr. Sekuler	4D09	McCauley, Ellen	ARTS&SCI&PSYCH
Developmental Changes In The Auditory Brainstem Developmental Changes In The Auditory Brainstem	Dr. Gillespie	4D09	Wong, Matthew	SCI: H BIOLOGY&PSYCH
Testing Measures Of Two-Point Spatial Acuity: The Classic Two-point vs. Horizontal-Vertical Discrimination	Dr. Goldreich	4D09	Akhtar, Aemal	SCI: H BIOLOGY&PSYCH
Designing A Study Of Tactile Perceptual Learning	Dr. Goldreich	4D09	Siddiqui, Mohammad Kashif	SCI: H BIOLOGY&PSYCH
The Influence Of Relative Power On Referential Communication	Dr. Humphreys	4D09	Brunsdon, Kayley	SOC SCI: H PSYCH,NEUROSCI&BEHAV
The Effect Of Awareness On Implicit Learning Speech Errors	Dr. Humphreys	4D09	Wan, Kristopher	SCI: H BIOLOGY&PSYCH
The Effects Of Foreign Accent Training On Listener'S Comprehension, Learning And Perception	Dr. Kim	4D09	Ghilic Micu, Ana Irina	SCI: H PSYCH,NEUROSCI&BEHAV
The Effect Of Creative Instruction On Student Comprehension Of Cognitive Dissonance	Dr. Kim	4D09	Smith, Nicole	SOC SCI: H PSYCH,NEUROSCI&BEHAV
Teaching Conceptual Anatomy: Animation And User-Control In Multimedia Learning	Dr. Kim	4DD6	Fisher, Heather	SCI: H BIOLOGY&PSYCH
The Development Of Sensitivity To Eye Gaze Toward Objects Along The Vertical Plane	Dr. Lewis	4D09	Ali, Ronnie	SCI: H PSYCH,NEUROSCI&BEHAV
Sensitivity To Direction Of Motion In 7-Year-Olds And Adults	Dr. Lewis	4D09	Lee, Elizabeth	SCI: H BIOLOGY&PSYCH
Preschool Children's Ability To Recognize Upright And Inverted Faces Before And After Starting School	Dr. Lewis (Adelaide)	4D09	Bracovic, Ana	SCI: H PSYCH,NEUROSCI&BEHAV
Adaptive Memory: Extending The Survival Processing Advantage To Prose And Comprehension	Dr. Milliken	4D06	Kasimov, Andrey	SOC SCI: H PSYCH,NEUROSCI&BEHAV
Contextual Influence On The Flexibility Of Cognitive Control In Attentional Blink Tasks	Dr. Milliken	4D09	Bao, Lin	SOC SCI: H ECON&PSYCH
Generalization Vs. Specificity Of Proportion Congruency Effects Across Context Manipulations	Dr. Milliken	4D09	Garcia, Jesse	SCI: H PSYCH,NEUROSCI&BEHAV
Adaptive Memory: Retrieving The Survival Processing Advantage	Dr. Milliken	4D09	Irwin, Angela	ART&SCI: H ARTS&SCI&PSYCH
The Effect Of Social Justice Education On Moral Development And Self-Regulated Learning	Dr. Ostovich	4D06	Riddell, Julia	SCI: H PSYCH,NEUROSCI&BEHAV
Computer Adapted Wechsler Memory Scale Iv Capable Of Assessing Auditory Recognition Memory Through Electrophysiology	Dr. Roberts/Dr. Connolly	4D09	Dey, Ayan	SCI: H PSYCH,NEUROSCI&BEHAV
Categorical Perception Of Facial Expressions In 6-Month Olds	Dr. Rutherford	4D09	De Silva, Nisansala	SCI: H PSYCH,NEUROSCI&BEHAV
Categorical Perception Of Emotions: Happiness And Sadness In Nine Month Old Infants	Dr. Rutherford	4D09	Suppa, Christopher	SCI: H PSYCH,NEUROSCI&BEHAV
The Effect Of Perceptual Grouping On Temporal Resolution	Dr. Shore	4D09	Au, April (Sin Tung)	SCI: H BIOLOGY&PSYCH
The Effect Of Time Expectancy On The Temporal Order Judgment (Toj) Task	Dr. Shore	4D09	Baird, Kyla	SOC SCI: H PSYCH,NEUROSCI&BEHAV
Time Of Day Effects On Covert Orienting Of Attention	Dr. Shore	4D09	Paolini, Alex	SCI: H PSYCH,NEUROSCI&BEHAV
How Do Noisy Stimuli Influence Feedback In The Control Of Eye Movements?	Dr. Shore/Dr. Balasubramaniam	4D09	Caminschi, Eliza	SCI: H PSYCH,NEUROSCI&BEHAV
Neural Correlates Of Conflict Processing In Peri-/Post-Menopausal Depressed Women: A Multimodal Neuroimaging Investigation Assessing Treatment Effects	Dr. Shore/Dr. Frey/Dr. Hall	4D09	Fervaha, Gagan	SCI: H BIOLOGY&PSYCH
Examining The Contribution Of Body-Based Cues To Spatial Updating	Dr. Sun	4D09	Farooqi, Shermeen	SCI: H PSYCH,NEUROSCI&BEHAV
The Demonstration Of The Facilitative Effect Of Motion And The Examination Of Its Mechanism	Dr. Sun	4D09	Hearman, Jessie	SCI: H PSYCH,NEUROSCI&BEHAV
The Effect Of Female Attractiveness On The Amount Of Risky Driving Behaviour Displayed By Males	Dr. Sun	4D09	Wiebe, Cortney	SOC SCI: H PSYCH,NEUROSCI&BEHAV

Effects Of Experience On The Automatic Encoding Of Polyphonic Melodies: A Comparison Between Treble Versus Bass Musicians	Dr. Trainor	4D06	Herrington, Leland	SCI: H PSYCH,NEUROSCI&BEHAV
Sensitivity To Key Membership And Harmony In Preschool-Aged Children	Dr. Trainor	4D06	Palakovic, Sarah	SOC SCI: H PSYCH,NEUROSCI&BEHAV
Using Tms To Determine Whether Auditory Rhythms Are Processed In The Premotor Cortex	Dr. Trainor	4D09	Nease, Eric	SCI: H PSYCH,NEUROSCI&BEHAV
Distinguishing Concurrent Auditory Objects In Infancy: Object-Related Response To Mistuning In Harmonic Complexes In 2- And 12-Month Old Infants	Dr. Trainor	4D09	Payne, Jennifer	ART&SCI: H ARTS&SCI
Perception And Production Of Rhythms In 5-Year-Old Children: Specialization For Simple Versus Complex Metres	Dr. Trainor	4D09	Portofese, Alisha	SOC SCI: H PSYCH,NEUROSCI&BEHAV
Finegrained Sound Localization In The Azimuth	Dr. Trainor	4D09	Vandeweerd, Cherise	SOC SCI: H PSYCH&SOCIO
Neural Correlates Associated with Processing of Facial Emotions in Shy Adults: Discrepancy, Valence and Intensity Considerations	Dr. Trainor/Dr. Hall	4D09	Tatham, Erica	SCI: H BIOLOGY&PSYCH
"Moving To The Beat" Improves Auditory Rhythm Perception	Dr. Trainor/Dr. Schutz	4D09	Manning, Fiona	SCI: H PNB (MUSIC COG)
Adaptive Attention In Mind Wandering	Dr. Watter	4D09	Giammarco, Maria	HUMAN: H PHILOS&PSYCH
The Role Of Emotional And Cognitive Factors In Criminal Behaviour And Psychiatric Illness	Dr. Watter/Dr. McNeely	4D09	Cumo, Jamie	SOC SCI: H PSYCH,NEUROSCI&BEHAV

External Supervisors outside the PNB Department

Implications To Joint Variability And Coordination Strategies With Learning In A Novel Balancing Task	Dr. Balasubramaniam	4D06	Manos, Aspasia	SCI: H BIOLOGY&PSYCH
The Effect Of Mirror Transformation On Implicitly And Explicitly Timed Unimanual Drawing	Dr. Balasubramaniam	4D06	McGregor, Heather.	SCI: H PSYCH,NEUROSCI&BEHAV
A Behavioral And Electrophysiological Study Of Texted Vs. Standard English	Dr. Connolly/Dr. Stoinska	4D09	Hafid, Nailah	SCI: H PSYCH,NEUROSCI&BEHAV
Predicting Intention To Engage In Behaviours To Improve Patient Safety. Applying The Theory Of Planned Behaviour.	Dr. Cunningham	4D06	Gain, Kelly	SOC SCI: H PSYCH,NEUROSCI&BEHAV
Emotional Reactivity In Pregnant Women At Risk For Postpartum Depression – A Pilot Study	Dr. Frey	4D06	Cudney, Lauren	SCI: H PSYCH(BEH NEURSC)
Emotional Reactivity In Pregnant Women At Risk For Postpartum Depression – A Pilot Study	Dr. Frey	4D06	Lindsay, Leanne	SCI: H PSYCH,NEUROSCI&BEHAV
Does Gender Moderate The Relationship Between Attitudes And The Self-Management Of Type I Diabetes In Adolescents?	Dr. Grant	4D06	Krol, Angelina	SCI: H PSYCH,NEUROSCI&BEHAV
Can Patients With Chronic Pain Be Happy? Assessing Happiness In A Chronic Pain Management Program	Dr. Hapidou	4D06	Bhanda, Paneet	SCI: H PSYCH,NEUROSCI&BEHAV
A Verbal Comprehension Program For Autism: A Treatment Study	Dr. Hundert	4D06	Blakely-McClure, Sarah	HUMAN: H PSYCH&WOMEN ST
Receptive Discrimination Of Animal Labels And Animal Sounds In Children With Autism	Dr. Hundert	4D06	Cruse, Paige	SOC SCI: H PSYCH,NEUROSCI&BEHAV
Teaching Children with Autism How to Follow Schedules: Picture Versus Computer	Dr. Hundert	4D06	Ladwig, Elena	SOC SCI: H PSYCH,NEUROSCI&BEHAV
Bridge To Recovery Program: Effects Of A Six-Week Intensive Psychosocial Rehabilitation Program On The Recovery Of Persons With Severe Mental Illness	Dr. Kidd	4D06	Chan, Ka Ki (Jacky)	SCI: H PSYCH,NEUROSCI&BEHAV
The Association Between Body Dissatisfaction, Set Shifting, And Belief Change Following Psychoeducation On The Subject Of Shape And Weight Control	Dr. Laliberte	4D06	Balk, Daniel	SCI: H PSYCH,NEUROSCI&BEHAV
Incidence Of Chronic Pain And Effectiveness Of A Cognitive Behavioural Group For Chronic Pain Among Adults With Acquired Brain Injuries	Dr. Linder	4D06	Collings, Ruth	ART&SCI: H ARTS&SCI&PSYCH
Sensory Stimulation And Daily Activity Residential Programming Evaluation Studyfor Persons With Acquired Brain Injury	Dr. Linder	4D06	Fabbi, Samantha	SOC SCI: H PSYCH(COGN/PERCEPT)
Enhanced Self-Awareness Training In The Acquired Brain Injury Population	Dr. Linder	4D06	Lau, Airey	ART&SCI: H ARTS&SCI&PSYCH
Caregiver Styles Among Group-Home Residential Staff Working With Adults With Acquired Brain Injuries	Dr. Linder	4D06	Lourenco, Monique	SOC SCI: H PSYCH,NEUROSCI&BEHAV
The Effect Of Surface And Deep Features On Instructions	Dr. Lyons	4D06	Yeung, Afrisa	SCI: H PSYCH,NEUROSCI&BEHAV
Preliminary Parent Outcome Results Of The Functional Skills Training Group For Young Children With Severe Autism	Dr. Reitzel	4D06	Mansi, Kristen	SCI: H BIOLOGY&PSYCH
Preliminary Pilot Results Of The Functional Behavioural Skills Training Group For Young Children With Severe Autism	Dr. Reitzel	4D06	Sobota, Roksana	SOC SCI: H PSYCH,NEUROSCI&BEHAV
Female Mice Mate Preference Between Males Of Differential Health Statuses: P53 Knockout Versus P53 Wildtype Males	Dr. Rollo	4D06	Khanna, Parul	SCI: CONTINUING (H BIO)
The Effect Of Patterns And Predictability On Rapid Automatized Naming (Ran) Test Pause Time	Dr. Service	4D06	Fearnside, Alaina	SOC SCI: H PSYCH,NEUROSCI&BEHAV
Familial Differences Between Asperger's Disorder And Autism	Dr. Woodbury-Smith	4D06	Todd, Elizabeth	HUM: COMB H HIST & PSYCH