

**Titles of 2007 Undergraduate Thesis (Psych 4D06-4D09) Research Projects**

**Supervisors within the Department of Psychology, Neuroscience & Behaviour**

<b>Thesis Title</b>	<b>Supervisor</b>	<b>Student</b>	<b>Programme</b>
<u>Effects of Depression on Neurogenesis and Hippocampal Dependant Memory Tasks</u>	Dr. Becker -4D06-	Mackenzie, Meredith	H BSc Psych
<u>Spatial Memory In Virtual Reality A Pilot Study For Quantifying Hippocampal Activation In The Transition Between Egocentric And Allocentric Spatial Representations</u>	Dr. Becker -4D09-	Goodwin, Sarah	H Bio/Psych
<u>An Examination Of The Role Of Navigationally Relevant Cues In The Construction Of Egocentric And Allocentric Spatial Representations</u>	Dr. Becker -4D09-	Mitha, Karim	H Bio/Psych
<u>Path Recall in a Maze Environment by a Neural Network Model of the Hippocampus</u>	Dr. Becker -4D09-	Schoenhoeffer, Tina	H BSc Psych BN
<u>Tinnitus attenuation following induction of looming auditory after-effects</u>	Dr. Becker -4D09-	Sheffield, William	H BA Psych C/P
<u>Neurogenesis &amp; Depression: The Role of New Neurons in the Long-Term Retention of Paired-Associates</u>	Dr. Becker 4D09	Truong, Christine	H BSc Psych BN
<u>N170 Latency Shifts With Object Learning</u>	Dr. Bennett -4D09-	Gora, Tania	H Bio/Psych
<u>Age related changes in the bandwidth of directionally-selective motion mechanisms</u>	Dr. Bennett -4D09-	Qureshy, Ahsan	H Bio/Psych
<u>Adult / Child Auditory Training Study</u>	Dr. Bosnyak -4D06-	Ryan, Lynsay	H BSc Psych BN
<u>Frequency Selectivity of Attentional Modulation of the 40-Hz Auditory Steady State Response</u>	Dr. Bosnyak -4D09-	Bucarelli, Domino	H BSc Psych BN
<u>Androgens, Maternal Behaviour And The Reinforcing Value Of Pups In Female Mongolian Gerbils</u>	Dr. Clark -4D06-	Benninger, Natalie	H BSc Psych BN
<u>The Effect Of Exposure To Violence On Discounting The Future</u>	Dr. Daly -4D06-	Sharma, Susan	Comb H Poli Sci & Psych
<u>Precocious Puberty In Female Mice: Effects of Early Estrogen Exposure On Male Accelerated Puberty in Mus musculus</u>	Dr. Daly -4D09-	Beneteau, Jennifer	H BSc Psych
<u>Influence Of Intrauterine Position On Urinary Steroid Output In Male Mice (Mus Musculus)</u>	Dr. deCatanzaro -4D09-	Bellefontaine, Nicole	H BSc Psych BN
<u>Behavior Of HS Males Towards Developing CF-1 Females</u>	Dr. deCatanzaro -4D09-	Lewis, Elaine	H BSC Psych BN
<u>The Impact Of Bisphenol-A On Endogenous Hormonal Levels In Mice</u>	Dr. deCatanzaro -4D09-	Pancharovski, Tawnya	H Bio/Psych
<u>The Effects Of Learning On Interspecific Courtship And Mating In Fruit Flies</u>	Dr. deCatanzaro -4D09-	Shaw, Jordan	H BSc Psych BN
<u>Vocal Changes In Rabid Big Brown Bats (Eptesicus Fuscus)</u>	Dr. Dukas -4D09-	Kujtan, Lara	H Bio/Psych
<u>Do Female Long-Evans Rats (Rattus Novegicus) Depend On Each Other In Making Their Mate Choice Decisions?</u>	Dr. Faure -4D09-	Gadziola, Marie	H BSc Psych BN
<u>Comparison Between Blind And Sighted Persons On Tactile Spatial Acuity Task</u>	Dr. Galef -4D06-	Lim, Terence	H Bio/Psych
<u>Vibrotactile Acuity in Blind and Sighted Individuals</u>	Dr. Goldreich -4D09-	Gnanakumaran, Vishaharan	H Bio/Psych
<u>The Parallel Processing Of Concept Retrieval And Phonological Output</u>	Dr. Goldreich -4D09-	Ye, Amanda	H Bio/Psych
<u>Does Eating Disorder Risk Predict How Attractiveness Is Evaluated?</u>	Dr. Humphreys -4D09-	Boyd, Candice	H BA Psych
<u>The Impact of Prior Memory Representations on the Processing of New Text</u>	Dr. Humphreys -4D09-	Graham, Aislin	H BSc Psych C/P
<u>Text Repetition Benefits in Children</u>	Dr. Levy -4D06-	Marson, Anna	H BA Psych
	Dr. Levy -4D09-	Cox, Alison	H BA Psych

<u>Spatial frequency discrimination in 5-year-olds and adults tested with luminance- &amp; contrast-modulated gratings</u>	Dr. Lewis -4D09-	Patel, Ashna	H Bio/Psych
<u>Playing House: Age And Sex Differences In Processing Non-Face Objects</u>	Dr. Maurer -4D09-	Shergill, Yaadwinder	H BSc Psych BN
<u>Action video games: A potential treatment for amblyopia?</u>	Dr. Maurer -4D09-	Tiwari, Davina	H BA Psych
<u>Seeing whole faces: the development and role of experience in holistic processing</u>	Dr. Maurer -4D09-	Valente, Victoria	H BSc Psych
<u>The Effects Of Probe Trial Context And Likelihood Of Target Repetition On Performance In A Spatial Negative Priming Task</u>	Dr. Milliken -4D06-	Allen, Elizabeth	H BSc Psych C/P
<u>Investigating The Failure To Notice A Seemingly Obvious Contingency In A Spatial Localization Task</u>	Dr. Milliken -4D06-	Popowich, Kristin	H BSc Psych
<u>Novelty and Inhibition of Return in Non-Spatial Domains</u>	Dr. Milliken -4D06-	Spadaro, Adam	H BSc Psych BN
<u>The influence of local versus global processing bias on face recognition</u>	Dr. Milliken -4D09-	Bhasin, Shaaista	H BSc Psyc
<u>Reflexive Shifts of Attention: The Influence of Coherency</u>	Dr. Milliken -4D09-	Mahawadu, Mathina	H BA Psych Dev
<u>Shifting Impulsivity Using Context: Examining Flexibility in Delay Discounting</u>	Dr. Milliken -4D09-	Moher, Ester	H BA Psych
<u>Monocular Deprivation Causes Hemispheric Differences in Visual Cortex Vasculature</u>	Dr. Murphy -4D09-	Cooper, Alan	H BSc Psych BN
<u>Brain Responses In Tinnitus Sufferers After Residualinhibition By Masking Sounds</u>	Dr. Roberts -4D09-	Leone, Athena	H BA Psych
<u>The Ability To Understand Others' Intentions Affects Cheater Detection</u>	Dr. Rutherford -4D06-	Ray, Darien	H BA Psych Dev
<u>The Role Of The Eyes And Mouth In Processing Emotional Facial Expressions Among Those With Autism Spectrum Disorders</u>	Dr. Rutherford -4D06-	Towns, Ashley	H BSc Psych
<u>Distinguishing Among Selectively Mute, Socially Anxious And Typically Developing Children On Behavioural, Subjective, And Autonomic Measures</u>	Dr. Schmidt -4D06-	Edgeworth, Diane	H BA Psych
<u>The Relation Between Parental Psychopathology And Mother-Child Sensitivity In Childhood Anxiety Disorders</u>	Dr. Schmidt -4D06-	Lavell, Jodie	H BA Psych
<u>An Investigation Of Emotional Categorization: Shyness And Sociability Influence The Ability To Categorize Facial Expressions Of Emotion</u>	Dr. Schmidt -4D09-	Maslowski, Justyna	H BA Psych ESB
<u>Teachers' Perceptions Of Children With Selective Mutism And Anxiety Disorders</u>	Dr. Schmidt -4D09-	Przednowek, Malgorzata	H BA Psych
<u>A Direct View of the Facial Regions Used in Face Discrimination in Autism Spectrum Disorders (ASD)</u>	Dr. Sekuler -4D09-	Carbone, Diana	H Bio/Psych
<u>Face Recognition and Eye-Movements: The Factor of Target and Participant Age</u>	Dr. Sekuler -4D09-	Kealey, Ryan	H BSc Psych BN
<u>New Face, No Problem: The Effect of Facial Learning on Facial Processing at the N170 and N400</u>	Dr. Shedden -4D09-	Chu, Leslie	H Bio/Psych
<u>Fear and Loathing in Math Class: An Electrophysiological Study on the Effects of Math Anxiety on Error Processing</u>	Dr. Shedden -4D09-	Cohen, Jessica	H BSc Psych
<u>The Effects Of Facial Learning On Facial Processing</u>	Dr. Shedden -4D09-	Gupta, Nisha	H BSc Psych
<u>Attentional Processing Differences Related To Performance Error Between Dysphoric And Control Populations: An Event-Related Potential Study</u>	Dr. Shedden -4D09-	Popvich, Christine	H BSc Psych BN
<u>The Effect Of Vision On The Crossed-Hands Deficit</u>	Dr. Shore -4D09-	Cadieux, Michelle	H BSc Psych BN
<u>Top-down Modulation of Visuotactile Integration</u>	Dr. Shore -4D09-	Sheridan, Heather	H BA Psych
<u>Orientation Specificity and Spatial Representations of Environmental Features</u>	Dr. Sun -4D06-	Chang, Yvonne	H Bio/Psych
<u>Perception of Stimulus Length: The Effect of Stimulus Orientation</u>	Dr. Sun -4D06-	Niles, Chavon	H BA Psych BN
<u>Evidence For A Dissociable Cognitive System For Position And Identity Information In Mental Rotation And Spatial Updating Tasks</u>	Dr. Sun -4D06-	Simpson, William	H BSc Psych
<u>Integration Of Visual And Non-Visual Cues During Spatial Navigation</u>	Dr. Sun -4D06-	Turner, Emma	H BSc Psych BN
<u>Language Influences on Color Categorical Perception</u>	Dr. Sun -4D09-	Ukposidolo, Joanne	H Bio/Psych

<u>Interaction Of Visual And Non-Visual Cues In Traversed Distance Estimation</u>	Dr. Sun -4D09-	Wong, Michael	H BSc Psych BN
<u>Using Event-Related Potentials To Develop An Objective Measure Of Phonological And Semantic Processing For Use With Children And Special Populations</u>	Dr. Trainor -4D09-	Lin, Tiffany (NuoDi)	H BSc Psych C/P
<u>Neural Computational Model Of Rhythm Perception</u>	Dr. Trainor -4D09-	Sayegh, Riziq	H BSc Psych C/P
<u>Infant Memory for the Pitch Structure of Melodies Over Long Retention Intervals</u>	Dr. Trainor -4D09-	Unrau, Andrea	H BSc Psych
<u>Examining Bullying In Soccer</u>	Dr. Vaillancourt -4D09-	Berry, Melanie	H BSc Psych
<u>How Long Is Too Long? Aggression Use And Cognitive Ability Of Preschoolers Attending Daycare</u>	Dr. Vaillancourt -4D09-	Hill, Jennifer	H BA Psych
<u>Peer Victimization And Its Effects On Testosterone Levels In Adolescent Males</u>	Dr. Vaillancourt -4D09-	Rajan, Amy	H Bio/Psych
<u>Effects of Musical Experience on Processing Musical Sequences: A Cross-Cultural Approach</u>	Dr. Watter -4D09-	Balachandran, Nivedita	H BSc Psych BN
<u>Skills Transference In Dance Dance Revolution</u>	Dr. Watter -4D09-	Lee, Man Ching	H BSc Psych BN
<u>Judging Male Faces: How Do Masculinized And Feminized Male Faces Affect Women's Judgments? And Can They Really Avoid Staring?</u>	Dr. Wilson -4D06-	Kappel, Meaghan	H BSc Psych
<u>Social And Economic Predictors Of Cause-Specific Mortality In Males And Females Across</u>	Dr. Wilson -4D06-	Major, Danielle	H BSc Psych ESB

**4D06 Supervisors outside the Department of Psychology, Neuroscience & Behaviour**

<u>Correlations Between Mindfulness Ability And Coping Strategies-A Study Of The Mechanisms Behind The Effectiveness Of Mindfulness</u>	Dr. Bielling	Hart, Elizabeth	H BSc Psych
<u>Expressed Language Complexity Among Selectively Mute Versus Control Children In Anxiety Provoking Versus Free-Play Situations</u>	Dr. Cunningham	Bruce, Jennifer	H BA Psych
<u>The Positive Impact Of Childhood Mental Health Information: Are The Benefits Universal?</u>	Dr. Cunningham	Cressman-Dickinson, Jesse	H BA Psych
<u>Factors Influencing Parental Readiness For Children's Mental Health Information: A Discrete Choice Conjoint Experiment</u>	Dr. Cunningham	Haydickey, Jillian	H BA Psych
<u>Measures of Variability, Volume and Complexity of Expressive Language in Selectively Mute Children and their Mothers during Free Play and Speech Deliverance using Type Token Ratios</u>	Dr. Cunningham	Sharma, Akanksha	H BSc Psych Dev
<u>Biological Characterization Of Cleavage Resistant Prong-His</u>	Dr. Fahnestock	Ioannou, Maria	H. Life Sci
<u>Immune System Receptors in the Central Nervous System</u>	Dr. Foster	Beswick, Melanie	H Bio/Psych
<u>The Long-term Effects of Helicobacter Pylori-induced Functional Dyspepsia on Hypothalamic Feeding Peptides</u>	Dr. Foster	Scharringa, Angela (Eggink)	H BSc Psych BN
<u>The Impact Of Immune Challenge On Neurodevelopment: A Possible Animal Model Of Autism</u>	Dr. Foster	Wollaston, Lori	H BSc Psych BN
<u>The Processing Of Facial Cues In Children With Autism</u>	Dr. Hall	Would, Jenna	H BSc Psych
<u>The Role of Acceptance of Pain in Chronic Pain Management Outcomes</u>	Dr. Hapidou	Chan, Erin	H BA Psych
<u>Tracking The Adjustment Of Adolescent Students With Autism In Second Supported Inclusion Programs: Three Case Studies</u>	Dr. Hundert	Alexandre, Olivia	H BA Psych Dev
<u>The Effects Of Direct Instruction On The Reading And Spelling Performance Of A Child With A Developmental Disability</u>	Dr. Hundert	Ferreira, Diane	H BA Psych
<u>Parent Engagement Correlates Of Child School Readiness</u>	Dr. Janus	Graham, Shelley	H BSc Psych Dev

<u>Teacher's Perceptions Of Children's Problems With School Readiness As Indicators Of Areas For Prevention</u>	Dr. Janus	Tran, Amy	H Bio/Psych
<u>Learning Processes And Outcomes In Computer Skills Training Programmes For Persons With Serious Mental Illness</u>	Dr. Kidd	Koblik, Monica	H BA Psych C/P
<u>Longitudinal study of mental health within the Hamilton homeless youth population</u>	Dr. Kidd	Ktaech, Inas	H BA Psych
<u>Borderline Personality Disorder and Dissociation: A Description of Personality Pathology</u>	Dr. Korzekwa	Fougere, Philip	H BA Psych
<u>Weight Control Beliefs and Gender Effects on Stereotyping Others</u>	Dr. Laliberte	Ally, Sarena	H BA Psych
<u>Family perceptions: Do they change with treatment of an eating disorder?</u>	Dr. Laliberte	Cook, Allison	H BSc Psych
<u>The Working Alliance as a Predictor of Goal Attainment in Programming with Adults with Acquired Brain Injury (ABI)</u>	Dr. Linder	Leung, Tracy	H Bio/Psych
<u>Caregiver Styles in Mental Health Services and the Reliability of the SAQ</u>	Dr. Linder	Lurie, Lisa	H BA Psych Dev
<u>The Effectiveness Of Short-Term Social Problem-Solving Training In Adults With Acquired Brain Injuries</u>	Dr. Linder	Marsh, Angie	H BSc Psych
<u>Factors Affecting Client-Therapist Working Alliance and Goal Attainment in Acquired Brain Injury Rehabilitation: An Examination of the Working Alliance Inventory and the Past-Goal Attainment Scale</u>	Dr. Linder	Palmer, Jennifer	H Arts & Sci & Psych
<u>Testing intervention effectiveness for gender atypical relationally aggressive boys For Better or for Worse: Living with a Spouse with an Anxiety Disorder</u>	Dr. Lipman	Brennan, Erin	H BSc Psych
<u>Relationship Between Mmpi-2 Profiles And The Multidisciplinary Treatment Of Chronic Pain</u>	Dr. Mancini	Llacuna, Leilani	H BA Psych Dev
<u>Domains of Test Anxiety</u>	Dr. Martin	Caradonna, Amanda	H BA Psych
<u>Effect of music on thinking skills among persons with schizophrenia</u>	Dr. McCabe (Boivin)	Ash, Michael	H BA Psych
<u>Linguistic and psychological motivations for codeswitching among bilingual Iranian-Canadians</u>	Dr. McNeely	Pierre, Krystle	H Bio/Psych
<u>Salivary Cortisol as a Measure of Stress as Indicated by the Perceived Stress Scale in Physicians</u>	Dr. Moro	Ghazban, Niusha	H BSc Psych Dev
<u>Impact of Familiar Identity and Appearance on Medical Judgements of Illness</u>	Dr. Norman	Graham, Katie	H BSc Psych Dev
<u>The Effect Of Multiple Varying Examples On Analogical Transfer</u>	Dr. Norman	Johnson, Samantha	H BSc Psych Dev
<u>The Relationship Between Social Support and Quality of Life: An Investigation in a Sample of Individuals with Bipolar Disorder</u>	Dr. Norman	Sonley, Anne	H BSc Psych
<u>The Early Learning Measure As A Predictor Of Outcome On The Vineland Adaptive Behaviour Scales Following Intensive Behavioral Intervention In Young Children With Severe Autism</u>	Dr. Patelis-Siotis	Le, Quyen	H BA Psych
<u>The Relationship Between Adverse Childhood Experiences (ACE's) and Suicide Completion in Inuit Youth Aged 15-24</u>	Dr. Reitzel	Masotti, Ashly	H BA Psych
<u>Predictors of Response to Group CBT for Mood Disorders: Role of Therapeutic Alliance and Posttraumatic Stress Disorder</u>	Dr. Santa Barbara	Nashef, Aziz	H BA Psych Dev
<u>First Impressions of Allostatic Overload and Mental Health: A Preliminary Study on Korean Immigrant Women</u>	Dr. Smith	Dowker, Emma	H BSc Psych
<u>Adverse Temperamental Effects In Infants Exposed To Maternal Prenatal Anxiety And Depression</u>	Dr. Steiner	Chang, Susan	H BSc Psych Dev
<u>The meaning of apartheid and reconciliation beyond its expression in South Africa: A personal project</u>	Dr. Steiner	Lazinski, Marysia	H BSc Psych
<u>Emergence Vs. Reductionism: A Comparative Analysis</u>	Dr. Stroinska	Kirstein, John	Comb H Psy & Rel Std
	Dr. Sulis	Marcoccia, Patricia	H BSc Psych

<u>The Study Of Gender Differences In Semantic Perception In Chinese Culture</u>	Dr. Sulis	Wen, Xiao Wei Iris	H BA Psych
<u>The Role Of Motivation And Social Attention On Communicative Requesting With Angelman Syndrome</u>	Dr. Summers	Amantea, Olivia	H BSc Psych BN
<u>Imitation As A Function Of ASD Symptomology</u>	Dr. Szatmari	Dowell, Andrea	H BA Psych
<u>Validity Of Screening Tools For Depression In Patients With Obesity</u>	Dr. Taylor	Visconti, Melissa	H BA Psych
<u>The Efficiency of Outreach Services with the Acquired Brain Injury Population</u>	Dr. Velikonja	Brum, Christine	Comb H Psych & Sociol
<u>Art Therapy: An Evaluation Of Self-Awareness Using Self-Image In Acquired Brain Injury Rehabilitation</u>	Dr. Velikonja	Dabek, Patricia	Comb H Art & Psych
<u>Memory Changes Following Acquired Brain Injury And Stroke: The Relationship Between Visual And Verbal Memory Performance</u>	Dr. Velikonja	Stefanowska, Patricia	H BA Psych
<u>An Investigation Of Variable Training Of Pecs And Its Effects On Generalization In Low Functioning Children With Developmental Disorders</u>	Dr. Walton-Allen	Dilworth, Linda	H BA Psych
<u>Activity Embedded Instruction For The Acquisition Of Knowledge In Children With Developmental Disabilities</u>	Dr. Walton-Allen	Fernandes, Stasi	H BSc Psych
<u>Evaluating Quality Management of Programming for Children with Autism through Child Outcome Measures</u>	Dr. Walton-Allen	Trottier, Nadine	H BSc Psych BN
<u>The Association Between Emotional And Instrumental Coping And Severity Of Depression And Social Phobia</u>	Dr. Williams	Aldred, Tracy	H Bio/Psych
<u>The Association Between Emotional and Instrumental Coping and the Severity of Symptoms of Depression and Social Phobia</u>	Dr. Williams	Bisson, Elise	Comb H Psych & Sociol

**Joint Supervisors (combination of supervisors within and/or outside the P, N & B Department)**

<u>Effects of mast cell stabilizer on cardio-autonomic response to colorectal distension in +/- rats</u>	Dr. Becker & Dr. Bienenstock	Roch Decker, Genevieve	H BSc Psych BN
<u>Relationship Between Alexithymia and Emotional and Cognitive Processing</u>	Dr. McNeely & Dr. Hall	Kugelmass, Leah	H BA Psych
<u>Impact Of Presentation Frequency On The Instantiation Effect</u>	Dr. Watter & Dr. Norman	Siu, Eric	H Bio/Psych
<u>Assessing Curriculum Changes At McMaster's School Of Medicine: A Pilot Study</u>	Dr. Watter & Dr. Norman	Goodman, Kira	H BSc Psych