**MICHELLE EDWARDS**, University of Victoria
*Independent Domination Bicritical Graphs*

A graph is independent domination bicritical, or $i$-bicritical, if the removal of any two vertices decreases the independent domination number; that is, if $i(G-\{u,v\}) < i(G)$ for every $\{u,v\} \subseteq V(G)$. A graph is called $i$-superbicritical if the deletion of any two independent vertices reduces the domination number by exactly two; that is, if $i(G-\{u,v\}) = i(G)-2$ for every $\{u,v\} \subseteq V(G)$ where $u$ and $v$ are independent. Structural results and construction techniques for $i$-bicritical graphs will be presented. It can be shown that $i$-superbicritical graphs are also $i$-bicritical, and this special class will be investigated.