

<i>Name</i>	<i>Method</i>	<i>Results/Findings</i>	<i>Interpretation</i>	<i>Alternative Explanations?</i>
Myers & Davis (2002)	<ul style="list-style-type: none"> <li>Two groups of rats undergo fear condition</li> <li>Only one group receives extinction training</li> <li>Tested for extinction recall</li> </ul>	<ul style="list-style-type: none"> <li>Extinction group shows low freezing compared to no extinction group</li> </ul>	<ul style="list-style-type: none"> <li>Extinction is not the same as forgetting</li> </ul>	
Myers & Davis (2007) – S.R.	<ul style="list-style-type: none"> <li>Rats trained on fear conditioning and extinction</li> <li>Retention test conducted after short or long interval</li> </ul>	<ul style="list-style-type: none"> <li>Long interval group shows higher freezing relative to short interval</li> </ul>	<ul style="list-style-type: none"> <li>Fear memory was still there but latent for a while</li> <li>As time intervals between training and test increase, fear tends to come back</li> </ul>	
Myers & Davis (2007) – Renewal	<ul style="list-style-type: none"> <li>Rats conditioned in context A, extinguished in context B</li> <li>Tested for retention in A or B</li> </ul>	<ul style="list-style-type: none"> <li>Higher freezing for those tested in different context than extinction context</li> </ul>	<ul style="list-style-type: none"> <li>Extinction memories are bound by context</li> <li>Renewal = relapse driven by change in context</li> </ul>	
Myers & Davis (2007) – Reinstatement	<ul style="list-style-type: none"> <li>Rats conditioned on day 1, extinguished on day two</li> <li>Given brief stressor prior to retention test, in same or different context to extinction training</li> </ul>	<ul style="list-style-type: none"> <li>Same context = high freezing</li> <li>Different context = low freezing</li> </ul>	<ul style="list-style-type: none"> <li>Reinstatement is also context-specific (stressor must occur in extinction context)</li> <li>Stressor thwarts animal's belief that extinction environment is safe</li> </ul>	

Sierra-Mercado et al (2011) – STUDY 1	<ul style="list-style-type: none"> <li>• Day 1: rats conditioned</li> <li>• Day 2: injected with muscimol or saline into the IL prior to extinction</li> <li>• Day 3: extinction recall</li> </ul>	<ul style="list-style-type: none"> <li>• No effect on expression of conditioned fear</li> <li>• Muscimol group impaired on extinction and extinction recall</li> </ul>	<ul style="list-style-type: none"> <li>• Inactivation of the IL slows rate of extinction learning and impairs consolidation of an extinction memory</li> </ul>	
Sierra-Mercado et al (2011) – STUDY 2	<ul style="list-style-type: none"> <li>• Same methodology but injected into PL</li> </ul>	<ul style="list-style-type: none"> <li>• Muscimol group show impaired expression of fear</li> <li>• Both groups show good retention</li> </ul>	<ul style="list-style-type: none"> <li>• PL required for fear expression but not extinction</li> </ul>	