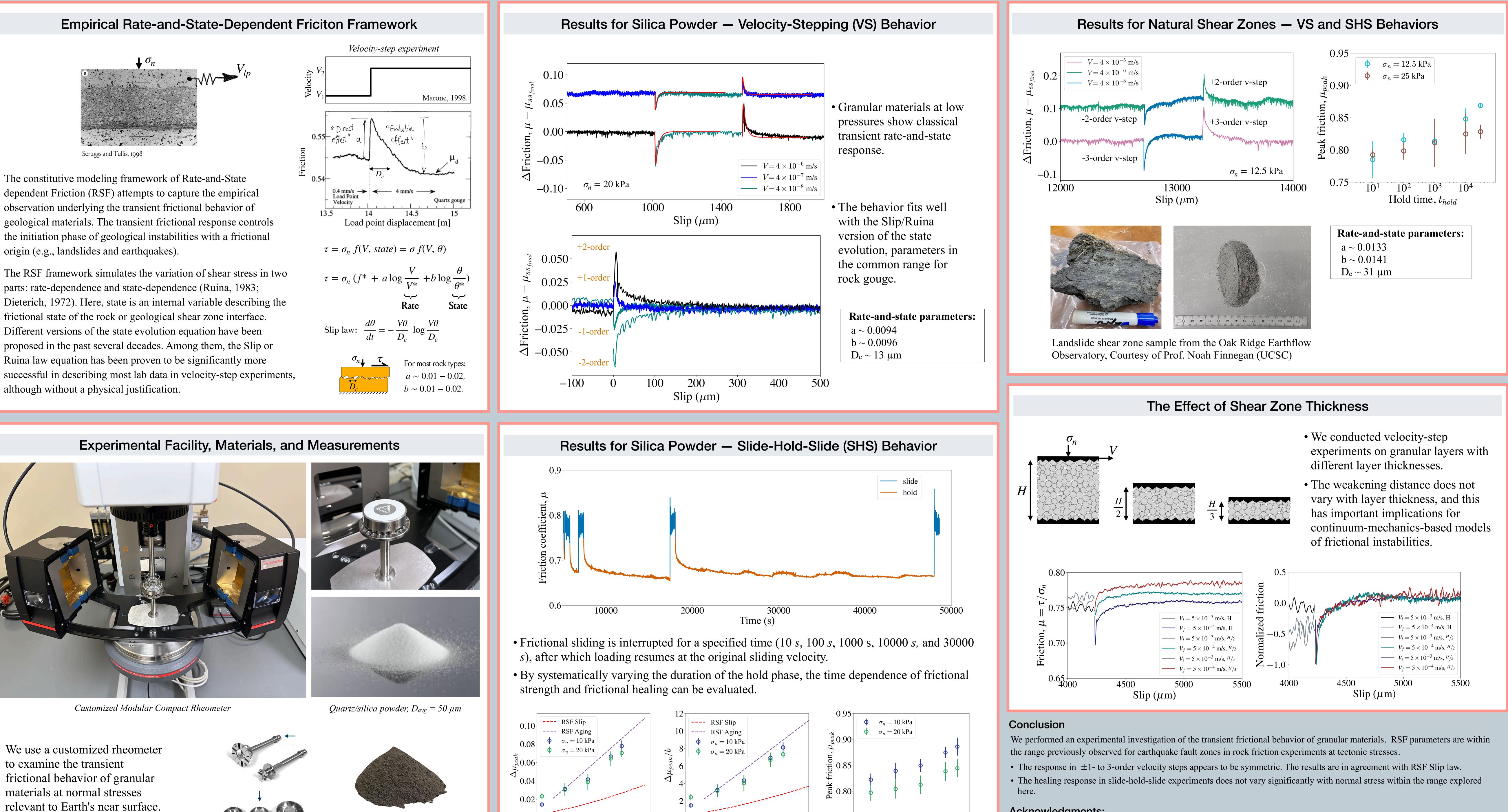
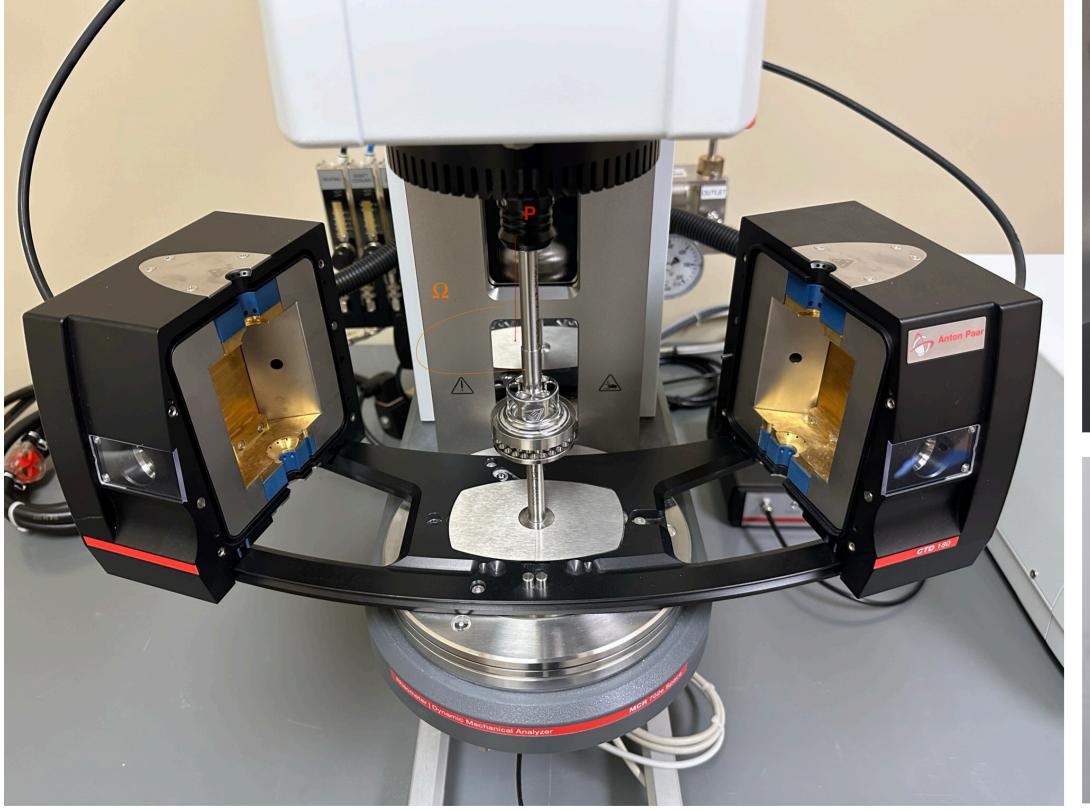
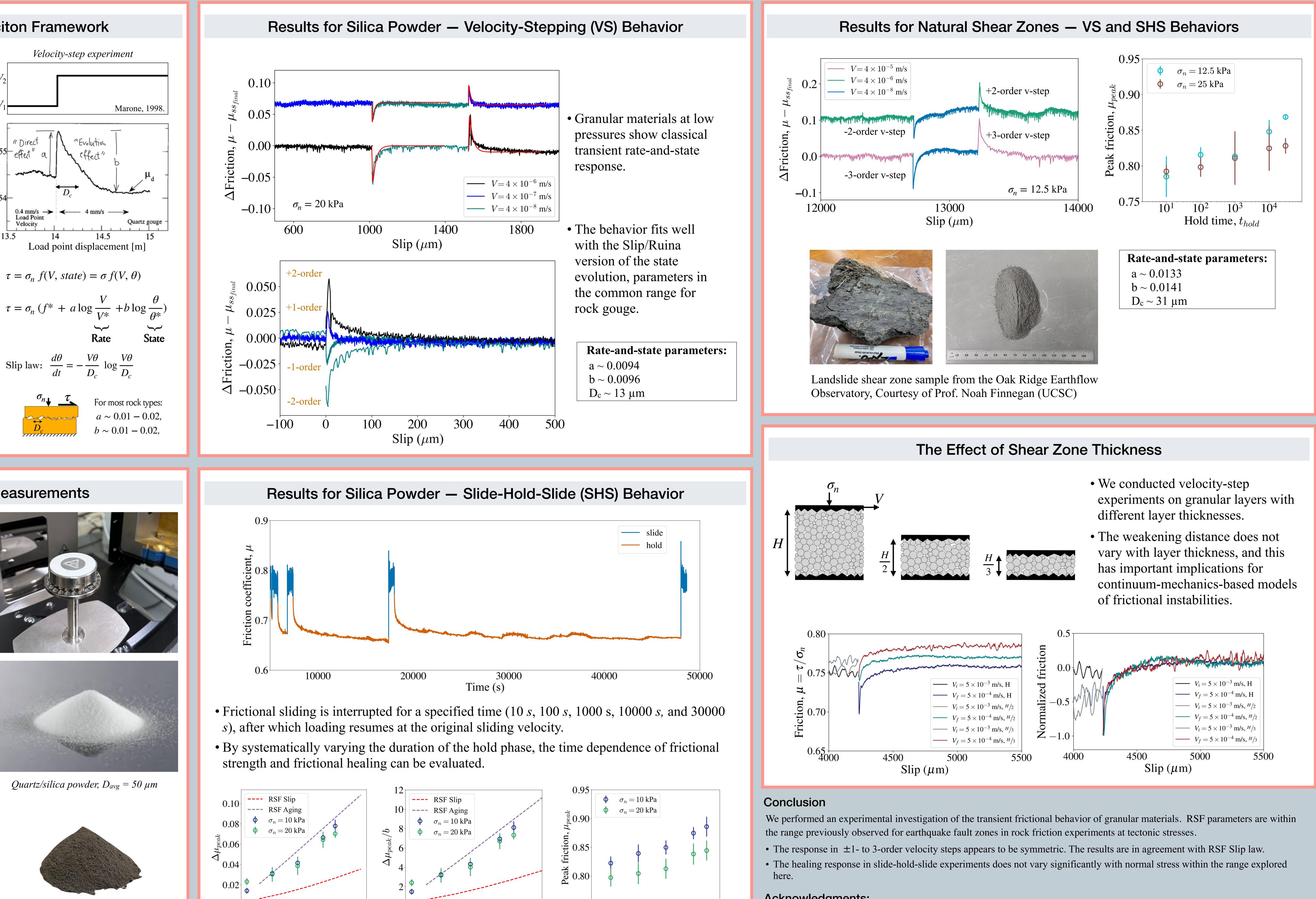
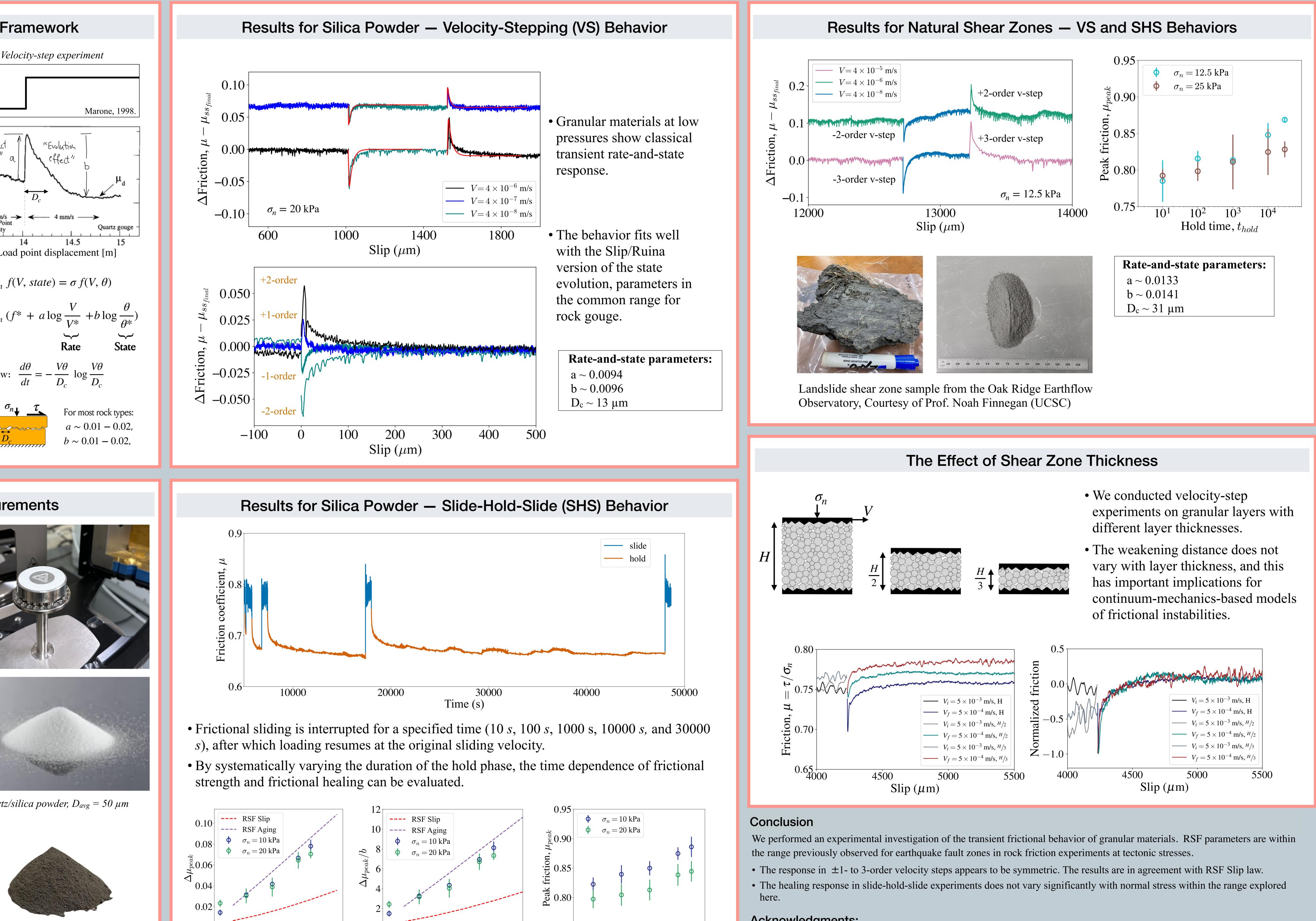
Understanding the Controls of the Transient Friction of Granular materials Aizhan Zhakupova^{*}, Behrooz Ferdowsi







to examine the transient frictional behavior of granular materials at normal stresses relevant to Earth's near surface.



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 $t_{hold}/(D_c/V_i)$

 0.00^{1}

 $10^4 \quad 10^5$

Hold time, t_{hold} (s)

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0.75 10^{2} Hold time, t_{hold}



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