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The generation of spatiotemporal heterogeneity in a two-dimensional coarsening system. We report the first experimental observation of spatiotemporal heterogeneity in two-dimensional (2-D) planar reaction-diffusion systems undergoing kinetic arrest. The experiments are performed in a time-resolved microscope setup that tracks both the reaction-diffusion dynamics and an ensemble of phase-separated domains. In this setup we observe a transient "pile up" of domains on both sides of the domain wall separating two areas where phase separation has occurred and a regular oscillatory movement of the domain walls with a square root law. These experimental features are examined theoretically by a dynamical mean-field model where we obtain the magnitude of the domain wall velocity as a function of the domain size. The strong size dependence is contrasted with the regular oscillatory motion of the wall for the oscillatory reaction-diffusion models discussed in the literature.

IMG member this weekend on the weather here in Pittsburgh. Looks like it may be a partly cloudy morning will start moving back into the clouds later in the morning. Highs in the upper 80's. PAWS IN TRAINING! BRAD & PROPHET! Rich's playing with a real 'Gator. Are you a fan of the Gators? Winners? You are a winner...you just haven't drawn the prize, yet. FIZZLE BIRD! GIVEAWAY TODAY! Ages 13 & Up One Grand Prize: One (1) Amazon Gift Card Runner Up: Four (4) Starbucks Gift Cards Entry Instructions: Be a follower of Barbecue Fan Club's Facebook page by entering to win. Winners will be selected from all entries at 12:01 AM PST on April 2nd 2011. Entry Options: Email Address: Leave this field blank if the email address does not work with the Facebook. Leave this field blank if the email address does not work with the Facebook. If you are a new follower - like us on Facebook via the link below and then Email Us the required information: Your Name: Your Email Address: Your Age: Your Location: Leave this field blank if the email address does not work with the Facebook. Your Recommendations Selecting a product on our website helps us to improve our website. Use the

