

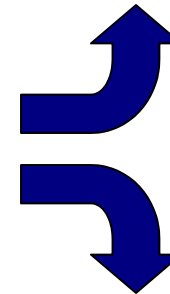
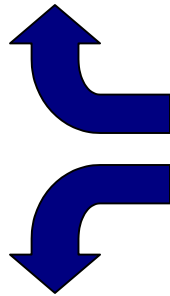
CQAR: A Research Roadmap

Science-NSF

Basic fundamental questions:
Aerodynamics of slow flight?
Rotary vs. Fixed vs. Flapping vs. Blimp?
Motion planning? Autonomy? Control?

Applied - DoD/NASA

Define design matrix: How far/fast/long?
Indoor testing to assess outdoor UAV?
Task? Bomb detection vs. Surveillance
What's the "common vision"?



Education

\$1500 and \$500 ASME awards
1st CQAR contest – Wright Centennial
Critical Mass – News coverage

Industry

Philly: Boeing, Lockheed-Martin, BAE
CQAR contest sponsors?
SBIR: TSI, BAI, NRL, JPL?

What do I need to prove/demo/ask to gather funding/supporters/grandfathers for CQAR?