K-12 Programs

- **Proposed:**
  - Locally-developed K-12 programs in weather and climate to be disseminated nationally

- **Accomplished:**
  - Reached 50,000 K-12 students and hundreds of teachers through LSOP; millions via Windows to the Universe; presented at AGU, AMS, and APA
Teacher Training

• **Proposed:**
  - Survey of K-12 teacher to determine needs
  - Classroom material to be developed and tested with LSOP, disseminated through UCAR
  - One-week summer course for college credit in weather and climate for 40 K-12 science teachers

• **Accomplished:**
  - As proposed, two years so far
Undergraduate

● **Proposed:**
  - Partnership with Colorado College:
    ● Summer Internships & Recruiting;
    ● Two courses: *Air & Climate Change*

● **Accomplished:**
  - 6 summer interns from CC, one admitted to CSU, one planning to apply
  - Two undergrad courses as proposed
  - *ChangingClimates* curriculum infusion initiative
Graduate Education

● Proposed:
  - Support climate science grad students
  - Professional development in pedagogy and other aspects of research careers
  - Partnership with SOARS
    ● Mentor undergraduate proteges
    ● CMMAP scientists give SOARS colloquia
    ● Support SOARS graduate Fellows

● Accomplished:
  - As proposed (22 students @ 5 institutions; summer grad institute; 5 SOARS Proteges, 2 Fellows)
Diversity

- **Proposed:**
  - Support graduate students from under-represented groups;
  - Studies of (1) the science career pipeline; (2) media images of science; and (3) McNair Mentoring Program

- **Accomplished:**
  - CMMAP grad students are 50% women; 10% African-American, 5% Latino; active recruiting
  - Studies of career pipeline & media presented, to be published in year 3