

Summer 2008 GK12 Tracing a Drop of Water Workshop Agenda
Jackson School of Geosciences Barrows Conference Room (JGB 4.102)

(June 5) Thursday PM

6:00 Dinner and Introductions: Fellows will present a **three-minute** introduction to their research and teachers will present a **three-minute** introduction to their work in the classroom.

(June 6) Friday Morning

8:30 How People Learn and the 5E Model of Lesson Planning (Jill Marshall)

9:15 Model 5E Lesson Plan (Jill Marshall)

10:15 Break

10:30 Modeling what Happens to Water (Jill Marshall, Rob Quarles, Brian Cowan)

11:15 Team Planning on Applying 5E Lesson Plans (Teachers and Fellows)

Lunch: Overview of ‘Tracing a Drop of Water’ (Jay Banner)

Friday Afternoon: Field Trip

1:00 Loading vans at Jackson Building

1:30 Barton Springs

3:00 Load vans for Hastings property

3:30 Kai Well

5:00 Return to campus

Friday Evening

6:00 Dinner

7:00 Field trip debriefing and revising models of what happens to water

(June 7) Saturday Morning

9:00 Core Principles of Effective Instruction (Robert Duke)

10:30 Run off vs. recharge lab (Brian Cowan)

Lunch

Saturday Afternoon

1:00 Building a Cave (Jill Marshall, Brian Cowan)

2:00 Caves in the Edwards Aquifer (Brian Cowan, Jay Banner)

3:00 Team lesson planning session: Teachers should come prepared with possible topics from curriculum they will teach. Teachers will each present an overview of the curriculum in their classes, relationship to GK12 themes, and special challenges.

Saturday Evening

6:00 Dinner

6:45 Preview of the Edwards Aquifer Field Trip (Jay Banner)

7:30 Tours of labs where Fellows are doing research

(June 8) Sunday: Morning Free

Sunday 2-6 PM: Symposium

- 2:00** Introductions (Dr. Jay Banner, Co-PI and ESI Director & Dr. Ken Dunton, PI)
- 2:15** The Past Year's GK12 Accomplishments: 2007-1008 Fellows and Teachers will make 5 minute presentations of their work during the past year.
- 3:00** "Tracing a Drop of Water" to the Texas Coast (Rob Quarles)
- 3:15** **Break**
- 3:30-5:30** Current Challenges in Teaching Evolution in Pre-college Classrooms (Chris Bell)
- 6:00** **Dinner**