University of Wisconsin-Green Bay: Students and Fire Management

Presented by Joshua Martinez
Arboretum Project coordinator
UWGB land management

- UWGB is located in Northeast WI.
- We own and manage five properties.
- Total of approximately 1,300 acres.
Keith White Prairie:
Keith White Prairie: 
On the Ground
Keith White Prairie: History

- The Keith White prairie was planted in the mid 1970's.
- Prescribed burns have been part of the management plan from the start.
- Successful burns require help from student volunteers.
Keith White Prairie: Fire as a Management Tool

- Why we use fire management:
  - minimize litter accumulation
  - ensure dominance of native warm season grasses
  - maintain species diversity
  - slow the invasion of woody species
  - provide field experience for students
    - Research
    - Observation of prescribed fire
Point au Sable

David Lawrence, 7 April 2012
Point au Sable: Fire as a Management Tool

- Why we use fire management:
  - Reduce standing litter of *Phragmites australis*
  - Relieve competitive pressure for native vegetation
  - Making management easier to follow up on *Phragmites australis* herbicide treatment
UWGB land management

- We use fire on select properties to help with our management goals of restoration and maintenance of native biodiversity.

- Student involvement includes both education and research opportunities.

- Involvement of outside entities has provided great experience for many students and professionals alike.
Thanks to:
Pt. au Sable: Before Fire
Pt. au Sable: After Fire
Pt. au Sable: Aerial Spray