A Thank You

- To The NCEMS Foundation
- To You For Pursuing Professionalism
- To You For Continuing Your Education
Presented By:

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Building the EMS Bike Unit

Identify a Need

- To obtain visibility for the EMS Unit
- As a means of Public Relations
  - There is **NO Down Time**
  - There is **Public Relations Time**
Identify a Need:

- Move In
- Graduation
- Athletic Events
- Move Out
- other Ceremonies

i.e.: Football Games, Run / Walks

- Concerts, Fairs, Carnivals, and Festivals
Identify a Need:

- Gain access to a specific areas:
  - Congested Downtown Traffic
  - Construction Projects
  - Off-Road Areas, Athletic Fields,
    Nature Trails, etc.
- Lack of access due to Disasters
Identify a Need:

- Reduce Response Times
  Early Defibrillation
- Reduce Ambulance Workload
  Support the Bike Unit as Needed
- Enhance Existing Response Unit
  Support the Ambulance as Needed
  (Personnel / Equipment)
Identify a Need:

- Support Police or Fire Actions
- Health Fairs / Conventions
- Safety Rodeos
- Bike Helmet Give-Aways
- Demonstrations
What to Evaluate as an EMS Bike Unit

- Geographical Coverage Area
  - How Big
  - Penn State
  - vs.
  - How Small
  - Univ. of Penn.

- Response Protocols
  - Time Considerations
  - Number of Responding Personnel
What to Evaluate:

- State and Regional Protocols
- BLS vs. ALS
- Equipment Issues
- Quantity
- Diversity
- Protection / Security of Medications
What to Evaluate:

Data Collection:

- Number of Events / How many days
- How many Responses / Patient Contacts
- Response Times
- Lag Time: Bike vs. Ambulance
- Need for Ambulance Support
Training for the EMS Bike Unit

- You Need It !!!!
- It Needs to be Conducted By: Knowledgeable and Competent Instructors
- Needs to be Relative
Training Sources:

IPMBA
www.ipmba.org

IAMBU
www.medics-on-bikes.org
Training:

- Established in 1991
- Available in 17 Countries
- 4 Day EMS Cyclist Course 1997
- 4 Day Intermediate Cyclist Course 2004
Training:

- Established in 1998
- 3 Day EMS Cyclist Course 1998
- 4 Day Instructor Course
Equipment / Costs for EMS Bike Units

- Bikes: $800 – $1,400.00 per bike
- Pannier Bags: $60 - $250.00 per set
- Medical Equipment: Varies but you may have most of it already.
- Training:

  An Expense but An Investment !!!!
Benefits to the EMS Agency

- Recognition and Public Relations
- Community Involvement
- Low Cost
- Low Tech
- Ease of Maintenance
- No Pollution
- Morale Booster
Questions ???
Thank You!

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