

# GLPTA Fall Regional Meeting 13Oct06

## Progress Review



GLPTA - Better skills, Better results, Better future.

## GLPTA Progress Review

### March 2005

- Critical mass of interest exists to proceed with formal alliance

### June 2005

- Name, logo, election of officers and committee members

### October 2005

- Bylaws established

### November 2005

- Incorporated in Michigan

### June 2006

- GLPTA.com launched

### July 2006

- 501(c)(3) status approved by IRS

### October 2006

- PTEC career fair materials ready for use
- GLPTA process tech DACUM ready for review



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## GLPTA Progress Review



### ■ After 18 months, what do we know?

- ☹ PTEC degree not widely embraced by the process technology industry in the Great Lakes region.
- ☹ The majority of PTEC programs in the Great Lakes region have insufficient enrollment to be self-sustaining.
- 😊 Early adopters of PTEC degree are forecasting demands that exceed current supply of PTEC grads from their local educational partners.
- 😊 Educational system ready to develop and offer programs to meet needs of industry.

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## GLPTA Short term challenges & Action Plan



- Lack of industry support for PTEC degree.
  - Insufficient funding.
  - Insufficient student interest.
- Action Plan
  - Target companies in communities with PTEC colleges and early adopter employers.
  - Share/publicize PTEC success stories.
  - Funding
    - Identify discreet projects that are grant-worthy from local community foundations.
  - Student interest
    - Create PTEC materials for use by regional schools at career fairs and career counseling.
    - Publicize local and national job opportunities.
    - Develop portable PTEC laboratory examples and take them in to science classes at the middle school and high school level.

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## GLPTA Short term challenges & Action Plans



- **Absence of GLPTA endorsed programs; lack of program standardization.**
  - Demand for graduates local instead of regional.
  - Dilutes awareness of process tech degree.
- **Action plan**
  - Complete curriculum development program (WIDS based) to enable programs to deliver common PTEC core.
  - Use curriculum guide to lead development of endorsement procedure

### **Our short term focus is two fold:**

1. Sell the PTEC degree to students and to industry.
2. Complete the curriculum development work and begin the endorsement process to get GLPTA-endorsed PTEC graduates into the workplace.

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## GLPTA Long term challenges & Action Plans



- **Demonstrate sustainable value-add proposition to industry and educators.**
  - Curriculum development and standardization.
  - PTEC program evaluation, support, and endorsement.
  - Collect and communicate demand versus supply data for PTEC grads.
- **Demonstrate specific benefits of the GLPTA to industry.**
  - Ability to influence PTEC programs throughout region, not just locally.
  - Increase robustness of supply of PTEC grads.
- **Demonstrate specific benefits of the GLPTA to educators.**
  - Coalesce industry needs from PTEC programs.
  - Increase visibility of PTEC students and programs.

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## Brainstorming Session



- Sell PTEC degree to industry.
  - Identify contacts (Group A)
    - Mining existing networks for new contacts
  - Selling the PTEC degree (Group B)
    - Ambassador program (volunteers?)
- Sell PTEC career to students (Group C)
- Solicit grant funds (Group D)
  - Workforce development / curriculum development activities
  - PTEC outreach activities

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## Potential PTEC Employees in Educator Communities



<b>Wisconsin Rapids, Wisc.</b>			<b>Joliet, Il</b>		
Stora Enso	Paper manufacturer	3500	Akzo Nobel	Commodity chemicals	
Domtar Industries	Paper manufacturer	1325	Citgo	Petroleum refining	
McCain Foods	Food products	900	Chicago Carbon	Commodity chemicals	
Schreiber Foods, Inc.	Food products	170	Corn Products	Commodity chemicals	
Northland Cranberries	Food products	145	Dow Chemical	Commodity chemicals	
Kerry Ingredients	Food products	144	Premcor Refining	Petroleum refining	
Vulcan Chemicals Co.	Chemicals	75	Stepan Company	Specialty chemicals	
Ocean Spray	Food products	45	Reichhold, Inc.	Specialty chemicals	
City of Wisconsin Rapids	Utilities	238	PPG Industries	Specialty chemicals	
<b>Lansing, Mich.</b>			<b>Northern Indiana</b>		
Dart Container	Consumer products	1144	Pfizer, Inc.	Pharma	
Quality Dairy	Food products	730	Eli Lilly	Pharma	
Lansing Bd of Water&Light	Utilities	712	Novelis	?	
Consumers Energy	Power	520	International Paper	Paper manufacturer	
Bioport Corporation	Laboratory	328	Dansico Sweetners	Food products	
Neogen Corporation	Laboratory	250	Weyerhaeuser Company	Paper manufacturer	
<b>Southwestern, Illinois</b>			<b>Big Rapids</b>		
Olin Corporation	Commodity chemicals	3500	Hanchett Manufacturing		
Conoco-Phillips	Petroleum refining	780	Leprino Foods		
Interstate Petroleum	Petroleum refining	20			
Piasa Motor Fuels, Inc	Fuel production				
Dynergy Midwest Generation	Power				
<b>Sarnia</b>			<b>Midland</b>		
BP Energy	Petroleum refining		Dow Chemical	Commodity chemicals	
LANXESS	Petroleum refining		Dow Corning	Specialty chemicals	1200
Cabot	Specialty chemicals		Midland Cogen Venture	Power	
Dow Chemical	Commodity chemicals		Cabot	Specialty chemicals	25
Invista	?		SC Johnson	Consumer products	
Exxon	Petroleum refining				
Basell	?				
NOVA	Petroleum refining				
Shell	Petroleum refining				
Suncor	Petroleum refining				

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