# **Overview of Model and Courses (and other Research)**

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#### Overview

- Changing market for short courses
- Education role of GTAP
- Links with new model developments
- Brief snapshot of Trade and Development Research being undertaken at the Center

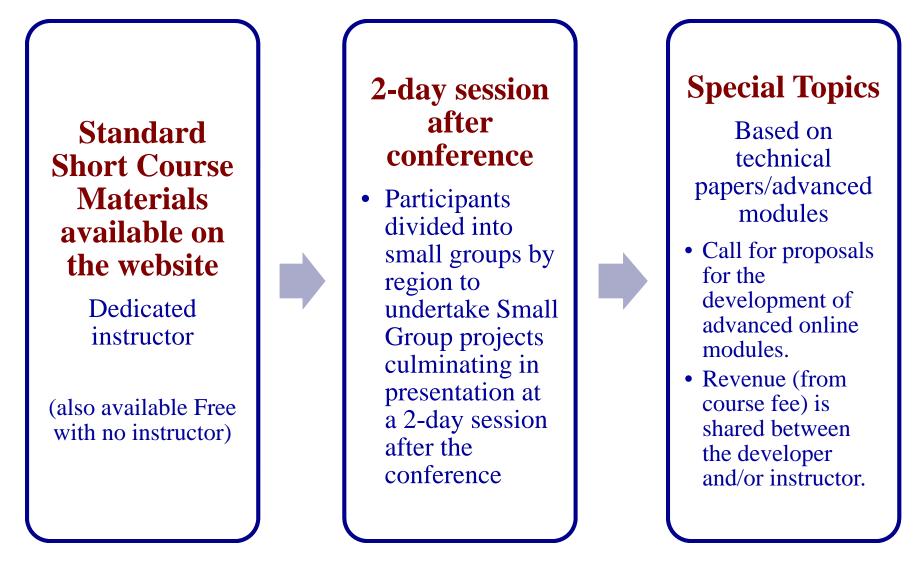
# **Changing Market**

- Increased number of network members based in developing countries who:
  - cannot afford to come to the standard short course
  - remain untrained (contributing to quality concerns)
- Higher demand for smaller or more specialized courses
- Increased number of competing courses
- Power users moving away from GTAP model and building their own super-models
- Increasing demands on Center staff time as size of network and research ambitions grow

### **GTAP's Role in Education**

- GTAP Web Course (preparatory)
- **GTAP Short Course**
- Dynamic GTAP Short Course (also includes preparatory web course)
- Contributing I-O Tables short course (materials to be placed on website for free)
- Graduate students (PhD program)
- Post-doctoral fellows

#### **Alternative Standard Short Course Design**



#### **Pros and Cons of New Course Design**

#### • Pros:

- Extend free materials to broader audience, esp. participants developing countries; perhaps force others to provide more free stuff!!!
- Minimize travel costs for participants and instructors; tie in with conference
- Push out the frontier of modeling within the GTAP community
- Cons:
  - Expectations of support, even when free
  - Bosses may say: 'just do the free stuff'
  - The course is still going well: Why fix it if it isn't broken?

#### **Model Development**

- Technical papers are a very an important resource for network members. Survey!
- Insufficient time for staff members to cover all the topics which need to be covered.
- Encourage more technical papers.
- Technical papers could be linked in to advanced modules in short course proposal.

# **Encourage more Technical Papers**

**New GTAP-E model and technical paper (McDougall and Golub)** Validation of the GTAP-E model (Beckman, Hertel and Tyner) **Incorporation of firm heterogeneity into the GTAP model (Fan Zhai) Modelling EU agricultural policy (Alex Gohin)** Macro transmission in GTAP and real exchange rates (McDougall and Hertel) **PE-GE modeling (Narayanan, Hertel and Horridge) Non-tariff barriers – measurement and modeling** The impact of alternative methods for aggregating protection (Bouët) Model Linking (USITC) **Documentation and repository for other GE models Terms of trade and Armington** What makes a good CGE paper? How to change the standard GTAP model? **SplitCom application (Minor)** 

# **Trade and Development Research**

- Investment and Dynamics: continue to use and further develop the Dynamic GTAP model. Current projects include the incorporation of bilateral foreign income flows; foreign direct investment; migration and global land use.
- **Poverty:** currently collecting additional household survey data, to extend regional coverage of poverty work. Work is also being undertaken on trade policy and nutrition.
- Model Linking: continuing to work on the implementation of PE/GE models within the GTAP modeling framework.
- **Migration:** working with the World Bank to obtain data on gender, age and migrant flows.

### Interested in hosting a course?

**Comments Thank you**