



Florida Research Consortium



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May 22, 2006, Sarasota, Florida



What is AUTM?

- The volunteer organization that brings together 3500 technology transfer professionals in more than 30 countries to define, develop and promote leadership excellence in academic technology transfer
 - 60% are employed in university technology transfer offices and companies
 - 40% are non-academic



Membership Profile

- 78% USA
- 10% Canada
- 12% Rest of the World

- The Rest of the World is the fastest growing part of the membership (15+⁰% per annum)

TRENDS

- Growing volume of academic tech transfer;
- Increase in interest of policy makers and politicians in university participation in economic development;
- Increase in innovative mechanisms:
 - local spin-out companies;
 - venture philanthropists;
 - Public-private-partnerships for product development.

Growing volume of academic tech transfer

- \$ 40 billion in US R&D expenditures (Fy'04);
- 4,783 new licenses;
- 27,322 current licenses;
- 462 new spinout companies;
- 4,543 new spinouts since 1980;
- 50 FDA approved products based on academic inventions

Increase in interest of policy makers and politicians in university participation in economic development

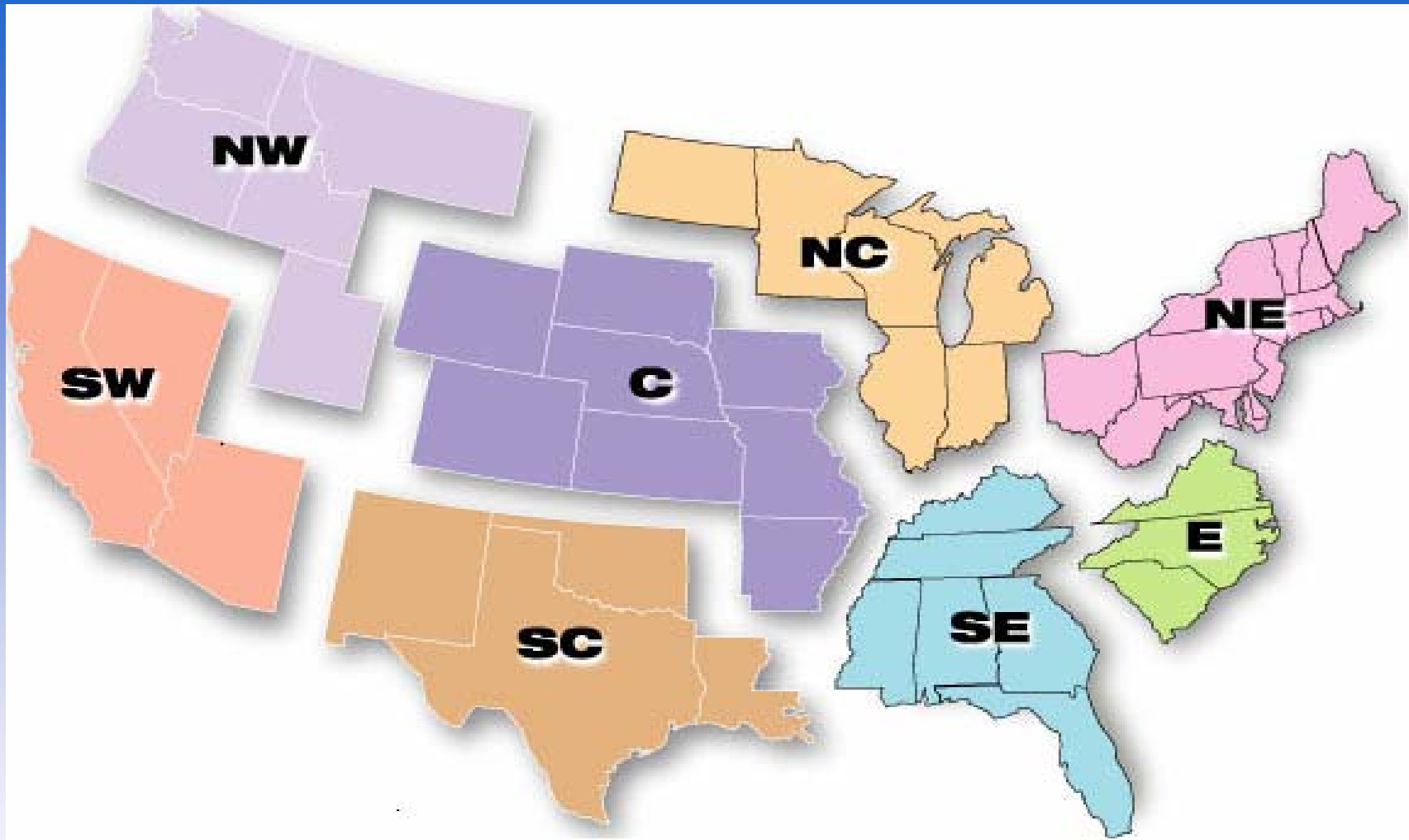
Better World Project

- Telling the story of the outcomes of technology transfer in *human terms*
- A database of stories
- A publication (and e-version) with 100 Stories
- A publication (and e-version) with 25 case studies highlighting social and economic impact
- Creation of 'additional AUTM metrics'

Why is AUTM doing this?

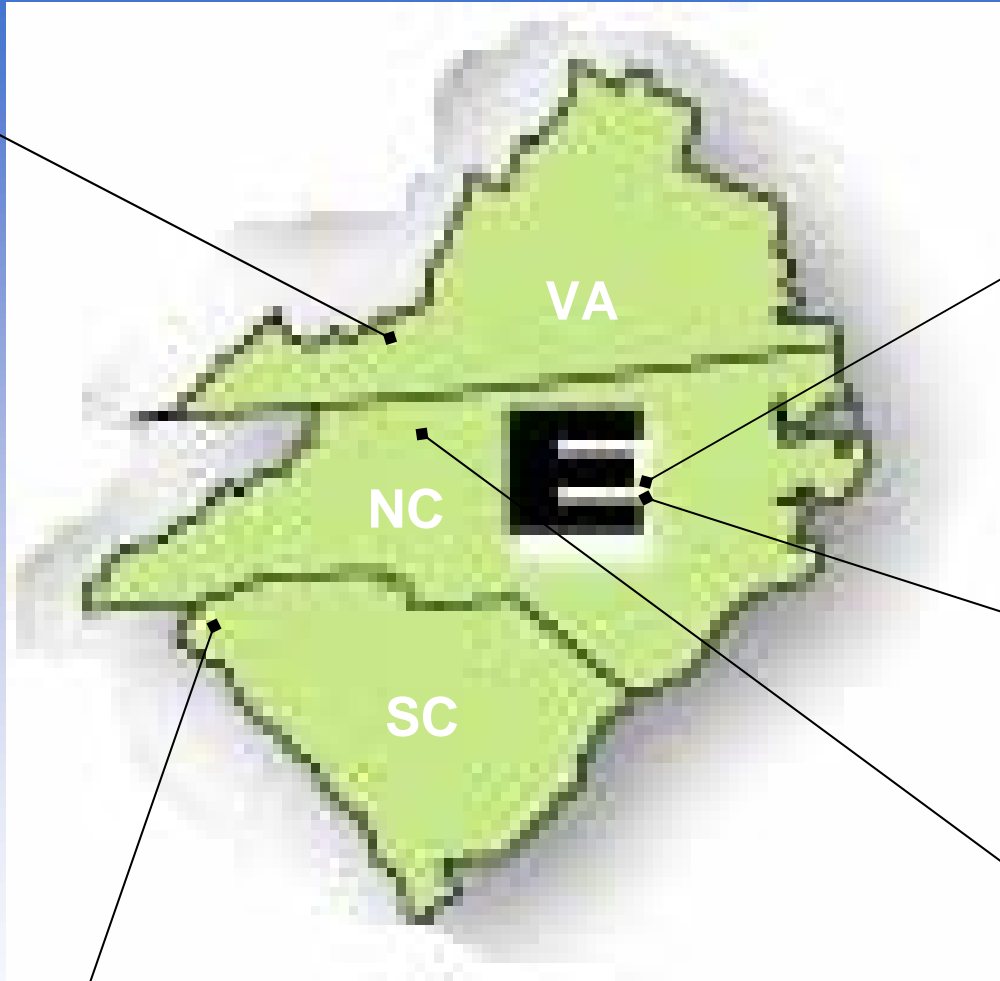
**To communicate the value
of academic technology
transfer**





**Broadband Wiring
in the Hospitality
Industry**

*Virginia Tech
Intellectual
Properties, Inc.*



**Automated Water
Quality Profiler**

*North Carolina
State Univ.*

Hangers Cleaners®

*Univ. of North
Carolina, Chapel Hill*

Tact®

*Wake Forest
Univ.*

**Method of Orthopedic
Implantation and
Implant Product**

Clemson Univ.

Sponsored Programs Database Western
Kentucky Univ.

TPMT: Diagnostic Test to Tailor Drug Dosage to Genetic Profile
St. Jude Children's Research Hospital

Tactical Mobile Power Technology: 10-kilowatt Vehicular Power Source (VPS-10K)
Mississippi State Univ.

Restasis
Univ. of Georgia

Falconview
Georgia Inst. of Technology

FoodSource Lures
Auburn Univ.

Optigrate Inc. Method of Developing Holograms
Univ. of Central Florida

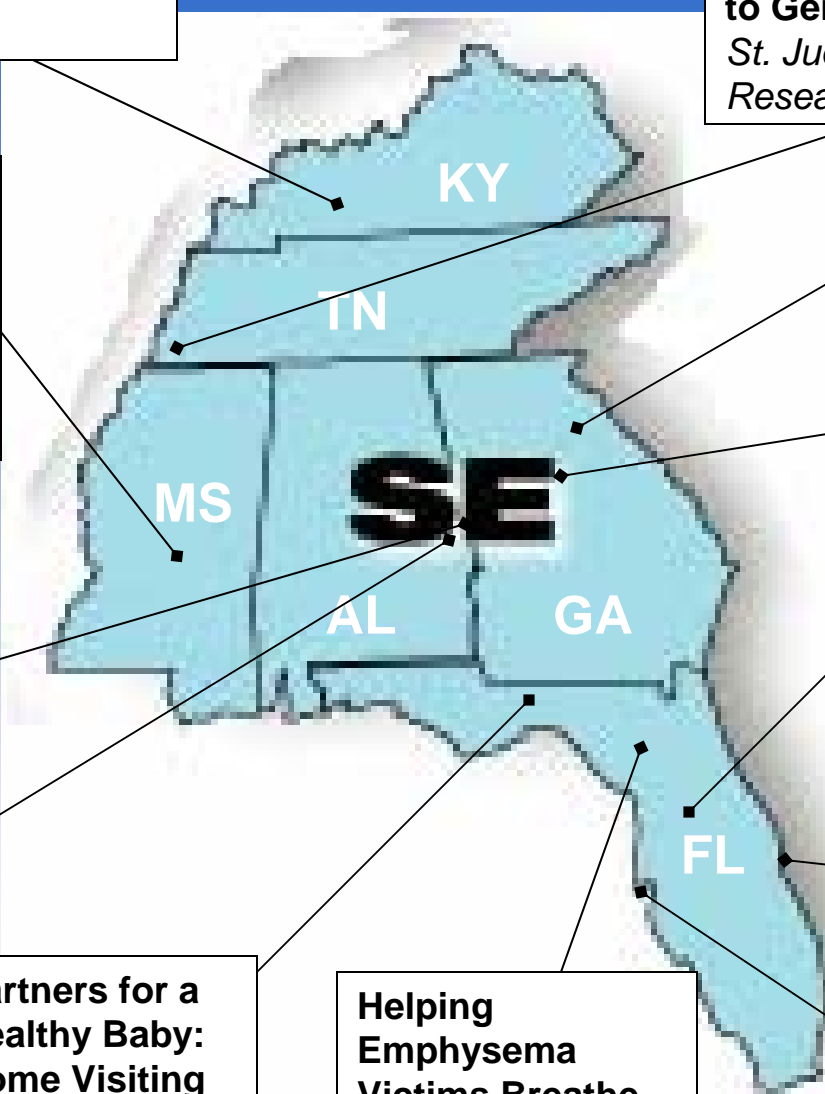
AU MEDS
Auburn Univ.

Chirp Sonar to Locate Underwater Buried Objects
Florida Atlantic Univ.

Partners for a Healthy Baby: Home Visiting Curriculum
Florida State University

Helping Emphysema Victims Breathe Again
Univ. of Florida

Underwater In-Situ Mass Spectrometer
Univ. of South Florida



Next Steps

AUTM is moving beyond its metrics, and stories to document the outcomes and the impact of academic technology transfer.



Increase in innovative mechanisms

1. Local spin-out companies;
2. Venture philanthropists;
3. Public-private-partnerships for product development.

Increase in innovative mechanisms

1. Local spin-out companies

- 462 new spinout corporations in US (FY'04)
- 31 in Florida (FY'04)
- 110 in Florida since FY 2000 (6yrs)
- increasing awareness of VC firms

Increase in innovative mechanisms

2. Venture philanthropists in USA

- FasterCures™ - accelerating the process
- entrepreneurial business model approach to disease research
- individual foundation philanthropic money
- aligning good science with good business for US diseases

Increase in innovative mechanisms

3. Public-private-partnerships for product development

- neglected diseases in neglected populations
- infectious diseases in developing world (AIDS, TB, Malaria)
- creating virtual product development companies by contracting-out with philanthropic funds

QUESTIONS ?

www.autm.net

www.betterworldproject.net

