

Doing research at the interface of polymer science and medicine

research areas

- Parallel Synthesis Supports and Drug Discovery
- Biomaterials for Medical Applications
- Antimicrobial Coatings, Films and Interfaces
- Active Coatings for Stents
- Modified Aneurysm Repair Coils
- Polymeric Drug Delivery
- Biocompatible Tissue Adhesives
- Drug-Polymer Bone Scaffolds
- Bioactive Ophthalmic Devices
- Peptide-based Microbials
- Oral-Dental Drug Delivery

IGERT Graduate Program
 The University of Southern Mississippi
 School of Polymers and High
 Performance Materials
 118 College Drive #10076
 Hattiesburg, MS 39406-0001

The University of
 Southern Mississippi
 and
 The University of Mississippi



entrepreneurial • medicinal • polymer • science

Interdisciplinary degree program
 combining science, technology,
 and business

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www.pslc.ws/igert

activities

this program uniquely combines coursework in science with training in business and entrepreneurial skills

courses for first year

- eight core degree courses for each school's students
- cadre-taught short courses during the summer: polymers taught to med-pharm students and vice versa

courses for second year

- electives in science, business, and technology
- independent student proposals
- two-week short courses in entrepreneurship

research

- development of team-based research projects combining expertise of both schools
- individual student prospectus
- team business plans

seminar series

- full-day summer seminar workshops in business areas (two years)

team externships

- externships with U.S. startups
- extended visits to multinational organizations overseas



funding

- competitive graduate stipend for five years
- full tuition scholarship
- full support for externships and international travel

application

- completed application forms (institutional and EMPS)
- three letters of recommendation
- official transcript
- early application encouraged

deadline: April 15

notification: May 1

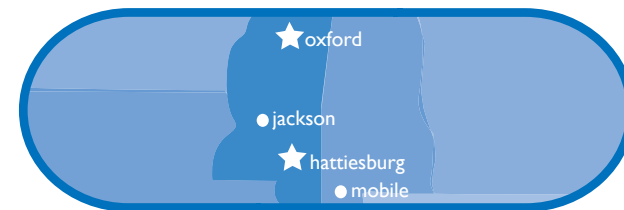
program partners

- National Science Foundation (IGERT)
- Economic Development Program at Southern Miss
- Pharmacy Administration Program at Ole Miss
- Industrial Partners
- International Partners
- National Institutes of Health

location

Hattiesburg, known as the "HubCity," is located at the intersections of Interstate 59 and U.S. Highways 49, 98, and 11. Southern Miss' campus is located less than 100 miles from the state capital of Jackson and from the Gulf Coast, New Orleans, and Mobile.

Ole Miss is in Oxford and is known for its historic Courthouse "Square." It is around 260 miles from Hattiesburg, 146 miles from Jackson, and 70 miles from Memphis.



info

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