



**Center for Undergraduate
Research Opportunities**
UNIVERSITY OF GEORGIA

College of Engineering Welcome Week

Research 101: CURO @ UGA



Center for Undergraduate Research Opportunities (CURO)

Agenda

- Why undergraduate research?
- CURO's role
- CURO eligibility
- CURO coursework
- CURO funding
- CURO Symposium
- CURO Workshops
- How to get involved in undergraduate research

College of Engineering

Welcome Week

Research 101: CURO @ UGA

Excellence at UGA

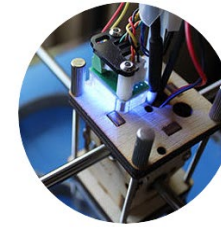
Integrating

- Teaching
- Research
- Public Service
- Global Engagement



\$6.3 BILLION

UGA IMPACT ON
THE STATE OF GEORGIA



\$453 MILLION

R&D EXPENDITURES
IN FY 2018



#1

FOR NEW PRODUCTS
AMONG U.S. UNIVERSITIES



775+ PRODUCTS

INTRODUCED TO MARKETPLACE



TOP 10

FOR DEAL FLOW
AMONG U.S. UNIVERSITIES



50 PRODUCTS

REACHED THE MARKET IN FY 2018



175+ COMPANIES

LAUNCHED BASED ON
UGA RESEARCH



\$128 MILLION

ANNUAL ECONOMIC IMPACT
FROM JOBS CREATED



TOP 20

FOR ACTIVE STARTUPS
AMONG U.S. PUBLIC UNIVERSITIES



Excellence at UGA

Integrating

- Teaching
- Research
- Public Service
- Global Engagement

Experiential Learning Opportunities for Students

- Undergraduate Research



Creative

Graduates who fulfill the requirement through creative experiences will have articulated, implemented, and reflected on a substantive application of their academic foundations to a real-world setting and/or challenge.



Global

Graduates who fulfill the requirement through study abroad or field study will interact with a culture and/or region distinct from their own and engage in academic inquiry and application afforded by the specific off-campus setting.



Internship

Graduates who fulfill the requirement through an internship will have practiced skills or methods related to their field of study through supervised work in a professional or organizational setting.



Leadership

Graduates who fulfill the requirement through leadership experiences will have articulated, implemented, and reflected on a substantive application of their academic foundations to a real-world setting and/or challenge.



Research

Graduates who fulfill the requirement by doing undergraduate research will demonstrate and describe how systematic and in-depth inquiry into a problem contributes to the discovery or interpretation of knowledge significant to their field of study.



Service

Graduates who fulfill the requirement through service-learning will demonstrate the ability to identify a community need and strategies for addressing it through mutual learning, critical analysis, reflection, and collaboration with a community partner.





Why Undergraduate Research?



Why Undergraduate Research?

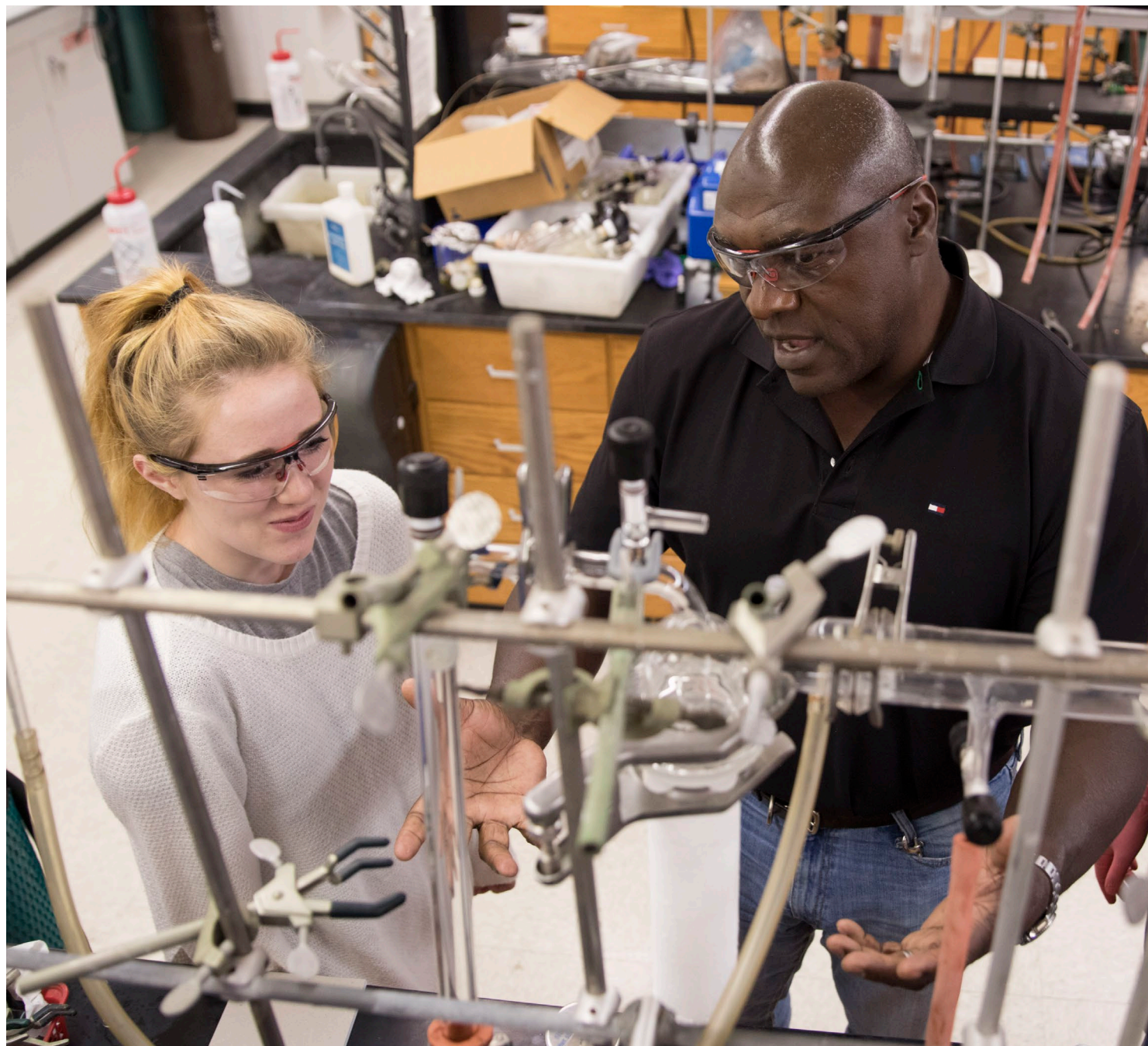
Participating in undergraduate research helps you with the following:

- Exploring in experiential learning opportunities
- Applying what you learn in the classroom and expanding your learning
- Understanding your discipline and profession
- Enhancing your analytical breadth and depth
- Building your resumé
- Networking with faculty, peers, graduate students, professionals in your field
- Enhancing your interpersonal skills and work in groups
- Perfecting your oral communication skills, including giving presentations, talking to people individually, or in groups of any size
- Improving your writing, reading, summarizing, and creating
- Building a relationship with your mentor
- Figuring out if research is for you



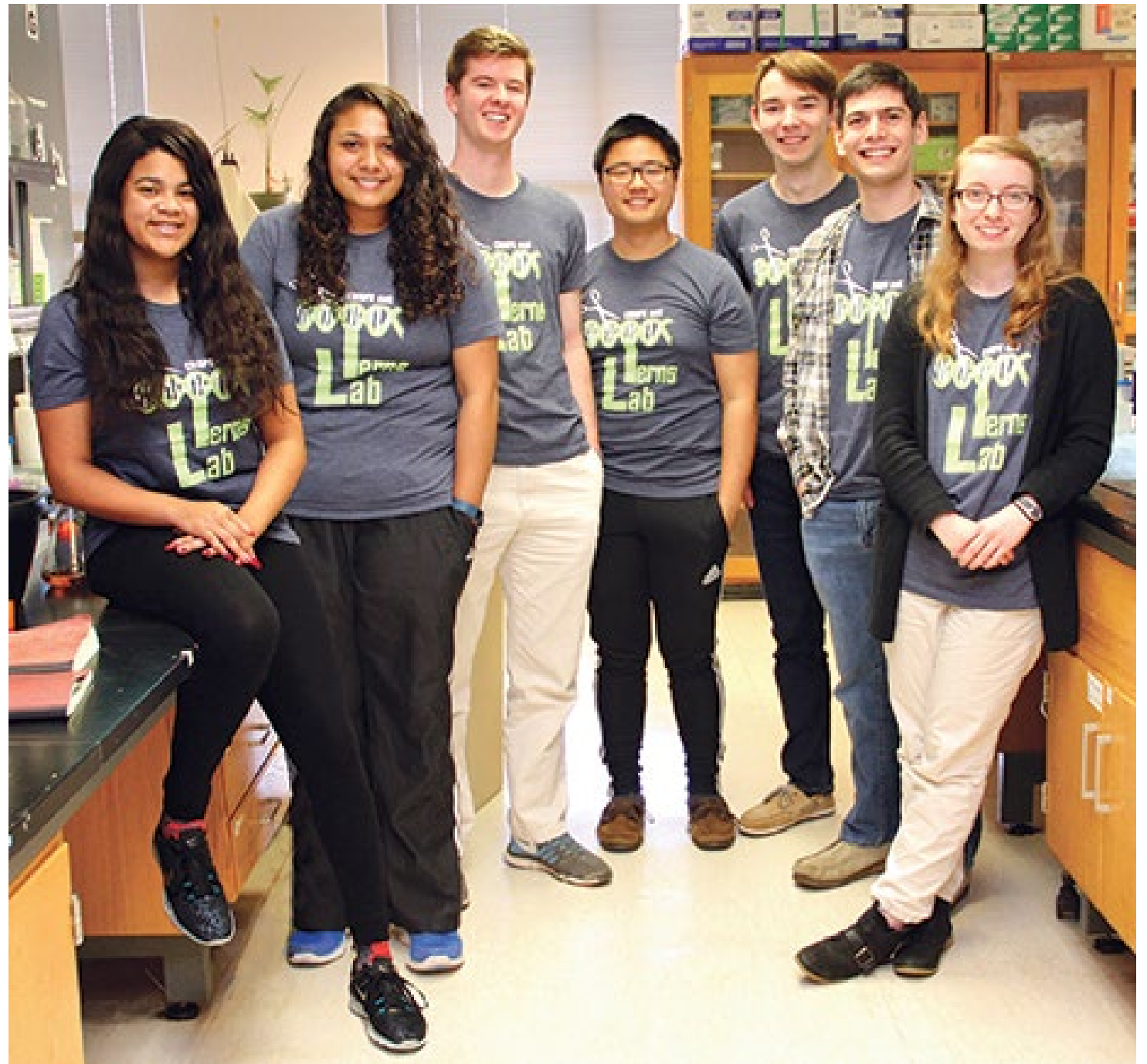
CURO's Role

CURO facilitates and supports **student learning** through **faculty-mentored** research in any discipline



CURO Eligibility

- All undergraduate students
- All disciplines



CURO Coursework

- Research courses (A-F)
- Research Thesis (AF)
- Graduation distinction



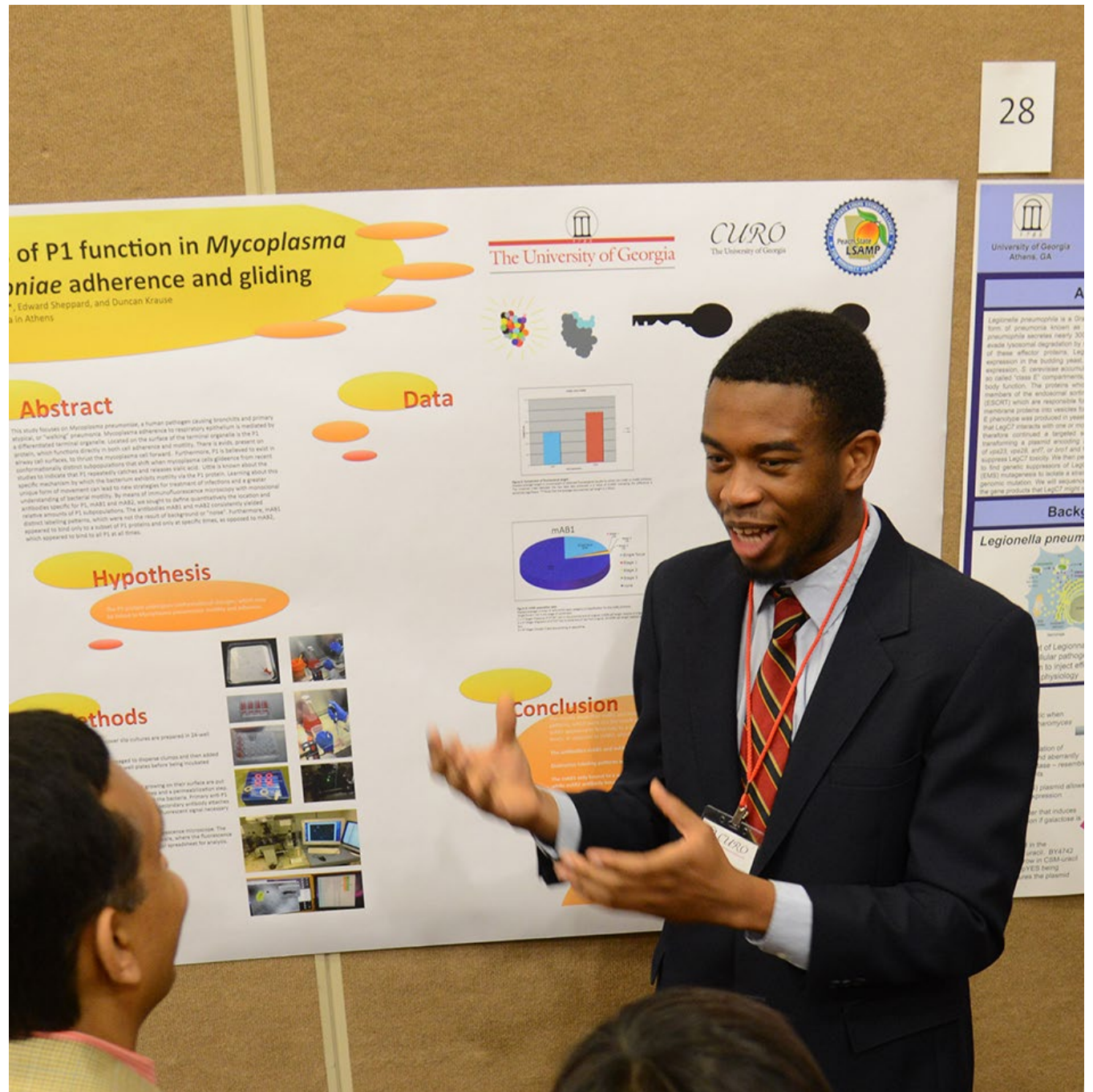
CURO Funding

- CURO Honors Scholarship (\$3,000)
- CURO Research Assistantship (\$1,000)
- CURO Summer Fellowship (\$3,000)
- Conference Participation Grant (up to \$1,500)



CURO Symposium

- Every spring
- Present your work
- Experience breadth and depth of research at UGA

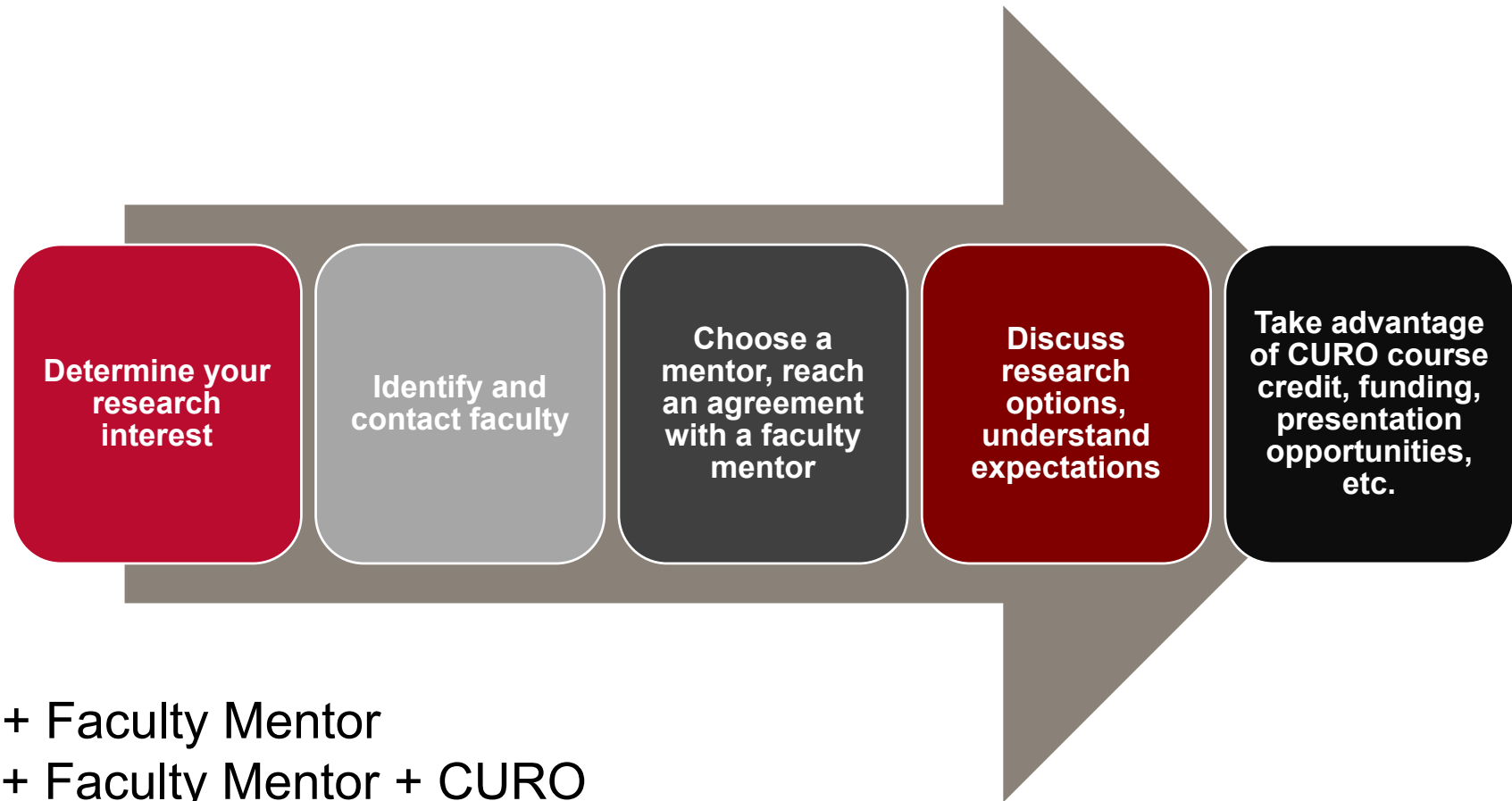


CURO Workshops

- Support undergraduate researchers and mentors



Getting involved in undergraduate research



Steps:

- 1 and 2 Student
- 3 and 4 Student + Faculty Mentor
- 5. Student + Faculty Mentor + CURO



Getting Started with CURO: Identifying faculty

- Attend a CURO information session
- Talk to students and faculty (courses)
- Research opportunities at curo.uga.edu
- CURO Symposium Resources (Book of Abstracts, attend Symposium)
- Browse department websites institutes, working groups, centers, etc.
 - Example: Integrated Life Sciences (ils.uga.edu)
 - Office of Research (research.uga.edu/centers-institutes/, research.uga.edu/research-awards)
 - UGA publications: UGA Research Magazine- (ugaresearch.uga.edu), Columns (news.uga.edu)
- Pay attention to faculty webpages– Discipline, topics, methodologies, publications (look at their work), consider size and activity of the lab, inquire about mentor-mentee relationships (ask other students)



Getting started with CURO: Contacting a potential mentor

What is important for the potential mentor?

Why do you want to do research with that faculty mentor?

- Explain why. Show you have interest and demonstrate your interest – do your homework and demonstrate you have done your homework

The student

- Demonstrate your value – decide what is your value and show it (many students also add a resume)

The potential for research results

- Demonstrate your commitment (and length of potential commitment)



Getting started with CURO: The first impression

Email

Use your UGAmal email account

Write an easily understandable subject line (i.e. "CURO mentorship meeting", etc.)

Include a professional salutation (i.e. "Professor or Dr. _____")

Clearly identify:

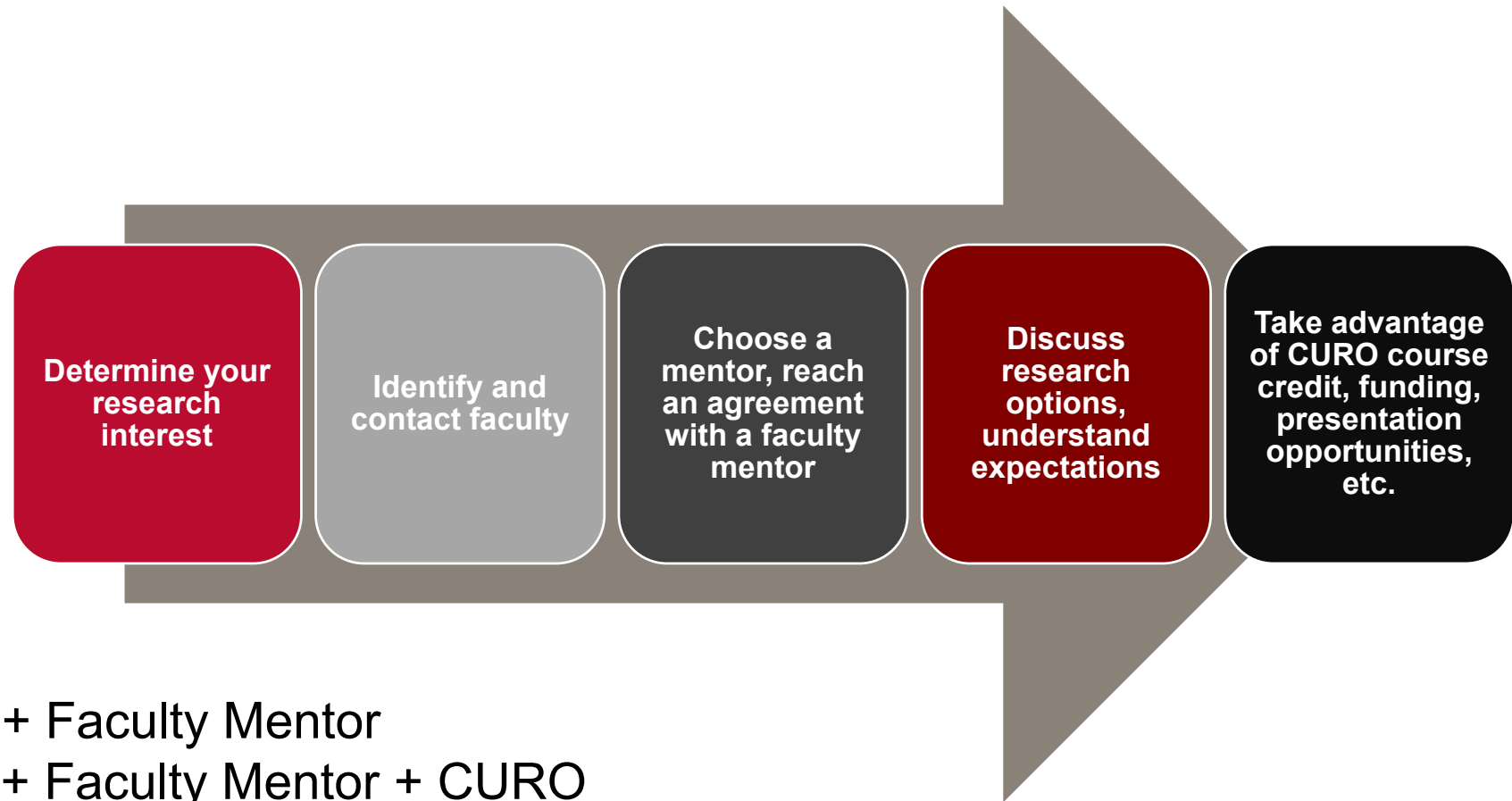
- your name
- your class year
- why you are writing
- your desire to meet with the mentor to discuss his/her research
- a week's worth of specific days and times when you can meet with the faculty member (be sure to check the faculty member's posted office hours first)

Remember the goal of contacting any potential mentor is to *schedule an appointment to meet (either in person or via zoom)*

Be patient. Give faculty time to respond but be prepared to send a second (or third) email, and follow up as necessary.



Getting involved in undergraduate research



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