

MCB Honors: Engagement in the Major Field

Examples of engagement in the major field

1. Presentation of original research

Includes presentation of original work to a general audience

- A) Colloquia on campus
 - (i) Frontiers Research Exhibition
 - (ii) Biology Undergraduate Research Colloquium
- B) Presentation at a regional, national, or international scientific meeting

2. Pedagogical engagement with the community

Teaching activities or demonstrations at local schools / community outreach to secondary education

- A) Participation in science fairs or serving as guest speaker on MCB-related topic
- B) Participation in Early College Experience (ECE) courses at E.O. Smith High School
<https://ece.uconn.edu/>
- C) Engagement with outreach programs/professional development for middle/high school teachers

3. Seeking support for scholarly activity

Preparation and submission of an application to support research or other scholarly endeavors from an advisor-approved University-level or international agency.

- A) UConn Undergraduate Grants and Scholarships (e.g., SURF Awards, IDEA Grants, Holster Scholarships)
<https://ugradresearch.uconn.edu/>
<https://honors.uconn.edu/holster-scholars/>
<https://ibacs.uconn.edu/undergraduate-research-grants/>
<https://mcb.uconn.edu/undergraduate-scholarships-and-fellowships/>
- B) Federal funding agencies (e.g., National Science Foundation, National Institutes of Health)
<https://www.nsf.gov/crssprgm/reu/index.jsp>
<https://www.training.nih.gov/programs/ugsp>
- C) National Undergraduate Grants and Scholarships (e.g., Rhodes, Goldwater, Truman Scholarships)
<https://www.onsf.uconn.edu/>

4. Involvement in an organization related to MCB Major

Involvement entails an advisor-approved leadership role and/or active participation (presentations, community engagement, etc.)

- A) UConn organizations and Learning Communities (e.g., UgO:MCB, WiMSE)
<https://mcb.uconn.edu/ugomcb/>
<https://honors.uconn.edu/stem-scholars/>
<https://lc.uconn.edu/wimse-house/>
- B) National organizations (e.g., American Society for Microbiology, UConn Student Chapter)