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/](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://ugradresearch.uconn.edu/)
      [https://honors.uconn.edu/holster-scholars/](https://honors.uconn.edu/holster-scholars/)
      [https://ibacs.uconn.edu/undergraduate-research-grants/](https://ibacs.uconn.edu/undergraduate-research-grants/)
      [https://mcb.uconn.edu/undergraduate-scholarships-and-fellowships/](https://mcb.uconn.edu/undergraduate-scholarships-and-fellowships/)

   B) Federal funding agencies (e.g., National Science Foundation, National Institutes of Health)
      [https://www.training.nih.gov/programs/ugsp](https://www.training.nih.gov/programs/ugsp)

   C) National Undergraduate Grants and Scholarships (e.g., Rhodes, Goldwater, Truman Scholarships)
      [https://www.onsf.uconn.edu/](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://mcb.uconn.edu/ugomcb/)
      [https://honors.uconn.edu/stem-scholars/](https://honors.uconn.edu/stem-scholars/)
      [https://lc.uconn.edu/wimse-house/](https://lc.uconn.edu/wimse-house/)

   B) National organizations (e.g., American Society for Microbiology, UConn Student Chapter)