DATA DIGEST
September 2021 – August 2022
OVERVIEW

WISCIENCE provides cross-campus programs, services, and courses to undergraduate students, graduate students, postdoctoral trainees, staff members, and faculty members to support the University’s strategic goal of excellence in STEM education. All WISCIENCE programs, services, and courses promote diversity, educational innovation, engaged scholarship, outreach and collaboration.

Mission:
Enhance engagement and strengthen success in STEM through equitable and inclusive initiatives, collaborations, service, and scholarship.

Goals:
WISCIENCE will...
I. Build and support communities of STEM learners, leaders, and practitioners.
II. Deliver courses and programs that:
   a. Develop knowledge and skills for success in STEM.
   b. Build STEM identities and confidence.
   c. Provide professional development in teaching, public service, leadership, and research in STEM.
   d. Provide opportunities to engage in teaching, public service, leadership, and research in STEM.
III. Foster equity and inclusion in STEM through initiatives and programs that support diverse populations.
IV. Lead and collaborate on local and national efforts to improve STEM education by developing and disseminating evidence-based programs, curricula, resources, and other scholarly products.
Who WISCIENCE Impacts

WISCIENCE engages learners at all stages of training and levels of exposure to STEM, from K-12 students to graduate students to STEM faculty and citizen scientists. In 2021/22, we reached 1,762 participants. Note: Data includes registered participants and does not include participants who attended but did not formally register.

Total Number of Participants: **1,762**

<table>
<thead>
<tr>
<th>School/College</th>
<th>N= 768.</th>
<th>1% or less of participants reporting them are shown as pink at the end of the bar. 119 (15%) participants did not report their college.</th>
</tr>
</thead>
<tbody>
<tr>
<td>L &amp; S</td>
<td>38%</td>
<td></td>
</tr>
<tr>
<td>CALS</td>
<td>23%</td>
<td></td>
</tr>
<tr>
<td>Engineering</td>
<td>11%</td>
<td></td>
</tr>
<tr>
<td>Medicine</td>
<td>8%</td>
<td></td>
</tr>
<tr>
<td>Nursing</td>
<td>3%</td>
<td></td>
</tr>
<tr>
<td>Business, Data/Computer Science, DTL, Environmental Studies, Human Ecology, Law, Nursing, Pharmacy &amp; Vet</td>
<td>5%</td>
<td></td>
</tr>
<tr>
<td>Not reported</td>
<td>15%</td>
<td></td>
</tr>
</tbody>
</table>
Participant Demographics

Note: UW–Madison data comes from Fall 2021 Semester in 2021-22 Data Digest (https://apir.wisc.edu/data-digest/). Race and Ethnicity categories represent all domestic (non-international) students. Non-domestic students are categorized as “International” for reporting purposes at UW–Madison. WISCIENCE data represent only 48% of all participants (N= 845).

Note: UW–Madison data comes from Fall 2021 Semester in 2021-22 Data Digest (https://apir.wisc.edu/data-digest/). WISCIENCE data represent only 47% of all participants (846). UW Data reports gender with Male and Female categories only.

Note: UW–Madison data comes from Fall Semester Undergraduate Enrollment, First Generation and New Transfer Students and Fall Semester FTE Enrollment in 2021-22 Data Digest (https://apir.wisc.edu/data-digest/). WISCIENCE Data come from participants in courses and programs for undergraduates where this information was collected (N = 775).
WISCIENCE Courses and Programs

**STEM Student Explorations** are courses and programs for novice STEM learners.

<table>
<thead>
<tr>
<th>Course/Program Name</th>
<th>WISCIENCE Goals (p.2)</th>
<th>Semesters offered</th>
<th>Director</th>
<th>Target Audience</th>
<th>Total Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>BioHouse Seminar (INTEGSCI 110; INTEGSCI 375)</td>
<td>I, IIa, IIb, III</td>
<td>Fa, Sp</td>
<td>Jonathan Pauli &amp; MaryRuth Kotelnicki</td>
<td></td>
<td>48</td>
</tr>
<tr>
<td>Exploring Biology (INTEGSCI 100)</td>
<td>I, IIa, IIb, III</td>
<td>Fa, Su</td>
<td>Cara Theisen with Teaching Fellows</td>
<td></td>
<td>172</td>
</tr>
<tr>
<td>Exploring Research in STEM (INTEGSCI 150)</td>
<td>I, IIa, IIb, IIIc, III</td>
<td>Fa, Sp, Su</td>
<td>Amber Smith</td>
<td></td>
<td>40</td>
</tr>
<tr>
<td>Exploring Service in STEM (INTEGSCI 140)</td>
<td>I, IIa, IIb, IIId, III</td>
<td>Fa</td>
<td>Anna Courtier</td>
<td></td>
<td>11</td>
</tr>
<tr>
<td>STEM Immersion Orientation Program</td>
<td>I, IIa, III</td>
<td>Fa</td>
<td>Jeri Bryant</td>
<td></td>
<td>135</td>
</tr>
<tr>
<td>Transfer STEM Immersion Orientation Program</td>
<td>I, IIa, III</td>
<td>Fa</td>
<td>Tiaira Porter</td>
<td></td>
<td>28</td>
</tr>
</tbody>
</table>

**STEM Student Engagement** courses and programs build science literacy and develop participants’ skills, knowledge, and confidence as STEM learners and future professionals.

<table>
<thead>
<tr>
<th>Course/Program Name</th>
<th>WISCIENCE Goals (p.2)</th>
<th>Semesters offered</th>
<th>Director</th>
<th>Target Audience</th>
<th>Total Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Interactions Summer Research Program</td>
<td>I, IIa, IIb, IIc, IIId, III, IV</td>
<td>Su</td>
<td>Amber Smith</td>
<td></td>
<td>32</td>
</tr>
<tr>
<td>Entering Research Part 1 (INTEGSCI 260)</td>
<td>I, IIa, IIb, IIc, IIId, III, IV</td>
<td>N/A</td>
<td>Amber Smith</td>
<td></td>
<td>Not offered</td>
</tr>
<tr>
<td>Entering Research Part 2 (INTEGSCI 261)</td>
<td>I, IIa, IIb, IIc, IIId, III, IV</td>
<td>N/A</td>
<td>Amber Smith</td>
<td></td>
<td>Not offered</td>
</tr>
<tr>
<td>Research Mentee Training Workshops</td>
<td>I, IIa, IIb, IIc, IIId, III, IV</td>
<td>Fo, Sp</td>
<td>Amber Smith</td>
<td></td>
<td>116</td>
</tr>
<tr>
<td>Service with Youth in STEM (INTEGSCI 240)</td>
<td>I, IIa, IIb, IIId, III, IV</td>
<td>Fo, Sp</td>
<td>Anna Courtier</td>
<td></td>
<td>21</td>
</tr>
<tr>
<td>Service with Youth in STEM Practicum (INTEGSCI 341)</td>
<td>I, IIa, IIb, IIId, III, IV</td>
<td>Fo, Sp</td>
<td>Anna Courtier</td>
<td></td>
<td>6</td>
</tr>
</tbody>
</table>
**STEM Student Leadership** courses and programs develop participants’ leadership knowledge and skills through the personal and professional development.

<table>
<thead>
<tr>
<th>Course/Program Name</th>
<th>WISCIENCE Goals (p.2)</th>
<th>Semesters offered</th>
<th>Director</th>
<th>Target Audience</th>
<th>Total Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exploring Discipline Based Leadership (INTEGSCI 230)</td>
<td>I, II, III</td>
<td>Sp</td>
<td>Jeri Bryant</td>
<td>Ugrad, Grad/Prof, Postdoc</td>
<td>24</td>
</tr>
<tr>
<td>IMPaCT Peer Leader Program</td>
<td>I, IIa, IIb, IIc, IIId, III</td>
<td>Fa, Sp, Su</td>
<td>Jeri Bryant</td>
<td>Ugrad, Grad/Prof, Postdoc</td>
<td>65</td>
</tr>
</tbody>
</table>

Undergraduate Peer Leaders: 121 placements of 65 individuals in 2021-22
- BioCommons Ambassadors (8)
- Exploring Biology Peer Leaders (35)
- Exploring Discipline-Based Leadership and Mentoring Peer Leader (2)
- Research Peer Leaders (21)
- Exploring Service in Science Peer Leader (3)
- Service with Youth in STEM Peer Leaders (10)
- STEM Immersion Peer Leaders and Coordinators (42)

**STEM Professional Development** courses and programs train graduate students, postdoctoral trainees, and faculty in inclusive, evidence-based STEM teaching and research mentoring practices.

<table>
<thead>
<tr>
<th>Course/Program Name</th>
<th>WISCIENCE Goals (p.2)</th>
<th>Semesters offered</th>
<th>Director</th>
<th>Target Audience</th>
<th>Total Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STEM Public Service Fellows Program</strong></td>
<td></td>
<td></td>
<td>Anna Courtier</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mentored Practicum in Public Service in STEM (INTEGSCI 840)</td>
<td>I, IIa, IIb, IIc, IIId, III</td>
<td>Fa</td>
<td>Anna Courtier</td>
<td>Ugrad, Grad/Prof, Postdoc</td>
<td>15</td>
</tr>
<tr>
<td>Public Service in STEM (INTEGSCI 640)</td>
<td>I, IIa, IIb, IIc, IIId, III</td>
<td>Sp</td>
<td>Anna Courtier</td>
<td>Ugrad, Grad/Prof, Postdoc</td>
<td>11</td>
</tr>
<tr>
<td>Relationships and Materials Development in STEM (INTEGSCI 740)</td>
<td>I, IIa, IIb, IIc, IIId, III</td>
<td>Su</td>
<td>Anna Courtier</td>
<td>Ugrad, Grad/Prof, Postdoc</td>
<td>10</td>
</tr>
</tbody>
</table>

**Scientific Teaching Fellows Program**

<table>
<thead>
<tr>
<th>Course/Program Name</th>
<th>WISCIENCE Goals (p.2)</th>
<th>Semesters offered</th>
<th>Director</th>
<th>Target Audience</th>
<th>Total Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Practicum in Science Teaching (INTEGSCI 850)</td>
<td>I, IIa, IIb, IIc, IIId, III</td>
<td>Fa</td>
<td>Cara Theisen</td>
<td>Ugrad, Grad/Prof, Postdoc</td>
<td>8</td>
</tr>
<tr>
<td>College Science Teaching (INTEGSCI 650)</td>
<td>I, IIa, IIb, IIc, III</td>
<td>Sp</td>
<td>Cara Theisen</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Instructional Materials Design (INTEGSCI 750)</td>
<td>I, IIa, IIb, IIc, IIId, III</td>
<td>Su</td>
<td>Cara Theisen</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Scientific Teaching for TAs (INTEGSCI 605)</td>
<td>I, IIa, IIb, IIc, III</td>
<td>Fa</td>
<td>Cara Theisen</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Research Mentor Training Workshops</td>
<td>I, IIa, IIb, IIc, IIId, III, IV</td>
<td>Fa</td>
<td>Amber Smith</td>
<td></td>
<td>120</td>
</tr>
</tbody>
</table>
**STEM Integrated Initiatives** bring together multiple WISCIENCE partners, programs, and staff members to serve STEM learners within and beyond the university community.

<table>
<thead>
<tr>
<th>Course/Program Name</th>
<th>WISCIENCE Goals (p.2)</th>
<th>Semesters offered</th>
<th>Instructor(s)/Director</th>
<th>Target Audience</th>
<th>Total Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>BioCommons Events co-sponsored by WISCIENCE</td>
<td>I, Iia, Iib, Iic, IId, III, IV</td>
<td>Fa, Sp, Su</td>
<td>Jeri Bryant</td>
<td></td>
<td>257*</td>
</tr>
<tr>
<td>BioCommons Events not co-sponsored by WISCIENCE</td>
<td>I, Iia, Iib, Iic, IId, III, IV</td>
<td>Fa, Sp, Su</td>
<td>Jeri Bryant</td>
<td></td>
<td>1,615*</td>
</tr>
<tr>
<td>After School Science Clubs</td>
<td>I, Iia, Iib, Iic, IId, III, IV</td>
<td>Fa, Sp</td>
<td>Anna Courtier</td>
<td></td>
<td>170</td>
</tr>
</tbody>
</table>

**Connections & Collaborations** allow WISCIENCE to support and amplify the impact of STEM programs and courses led by others at UW-Madison.

<table>
<thead>
<tr>
<th>Course/Program Name</th>
<th>WISCIENCE Goals (p/2)</th>
<th>Semesters offered</th>
<th>Instructor(s)/Director</th>
<th>Target Audience</th>
<th>Total Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEOPLE</td>
<td>I, Iia, Iib, Iic, III</td>
<td>Su</td>
<td>Robert Bohanan/ Jeri Bryant</td>
<td></td>
<td>155</td>
</tr>
</tbody>
</table>

* Participant numbers for BioCommons events are based on estimates in some cases.
WISCIENCE Evaluation Summary

WISCIENCE examines the extent to which participants are satisfied with their experiences in courses and programs and the extent to which courses and programs meet the mission and goals of the institute. Multiple sources of data are used in these evaluations.

Course & Program Satisfaction, Learning, and Application

![Bar chart showing overall experience in course/program (N = 398)]

- Poor: 11%
- Fair: 18%
- Good: 34%
- Very Good: 34%
- Excellent: 34%

![Bar chart showing recommendation to other potential participants (N = 397)]

- Strongly Disagree: 7%
- Disagree: 43%
- Neutral: 30%
- Agree: 47%
- Strongly Agree: 12%

![Bar chart showing activities and assignments enhanced learning (N = 395)]

- Strongly Disagree: 3%
- Disagree: 14%
- Neutral: 44%
- Agree: 38%
- Strongly Agree: 11%

![Bar chart showing course/program met stated goals/objectives (N = 396)]

- Strongly Disagree: 7%
- Disagree: 43%
- Neutral: 50%
- Agree: 30%
- Strongly Agree: 10%
Course & Program WISCIENCE Goal Achievement

Goal I: Build and support communities of STEM learners, leaders, and practitioners.

This course/program created a community that supported my learning and growth as a learner, leader, teacher, or practitioner in STEM. (N = 397)

Goal II: Deliver courses and programs that:

A. Develop knowledge and skills for success in STEM.
B. **Build STEM identities and confidence.**

![Bar chart](chart1.png)

This course/program strengthened my STEM Identity. (N = 397)

- Strongly Disagree: 21%
- Disagree: 39%
- Neutral: 35%
- Agree: 10%
- Strongly Agree: 20%

![Bar chart](chart2.png)

Participating in this course/program has increased my confidence in my ability to be successful in STEM. (N = 396)

- Strongly Disagree: 17%
- Disagree: 38%
- Neutral: 38%
- Agree: 17%
- Strongly Agree: 35%

C. **Provide professional development in teaching, public service, leadership, and research in STEM.**

![Bar chart](chart3.png)

Participating in this course/program provided opportunities for me to grow as a STEM professional or as an aspiring STEM professional. (N = 396)

- Strongly Disagree: 15%
- Disagree: 39%
- Neutral: 39%
- Agree: 43%
- Strongly Agree: 20%

D. **Provide opportunities to engage in teaching, public service, leadership & research in STEM.**

- **65** undergraduate students served as Peer Leaders across 7 WISCIENCE courses and programs.
- **8** graduate students completed the Scientific Teaching Fellows Program in Fall 2021, teaching 2 sections of Exploring Biology with 153 undergraduate students.
- **15** graduate students completed the Public Service Fellows Program in Fall 2021, completing practicum projects that engaged 10 community partners. 3 fellows taught 2 WISCIENCE courses, serving 23 undergraduate students.
Goal III: Foster equity and inclusion in STEM through initiatives and programs that support diverse populations.

![Participating in this program has helped me feel like I belong in STEM. (N = 394)](chart)

Goal IV: Lead and collaborate on local and national efforts to improve STEM education by developing and disseminating evidence-based programs, curricula, resources, and other scholarly products.

Publications:

3 scholarly products currently in revision or review


4 scholarly products published or in press


8 WISCIENCE staff-led workshops or presentations


7. Branchaw, J.L. Freeman, T., and Hewlett, J. Panelists for the Roundtable on Systemic Change in Undergraduate STEM Education: Student-Level Drivers of Changes to Undergraduate Life Sciences Education. The National Academies of Sciences Engineering and Medicine, September 2021.

WISCIENCE Funding

3 grants submitted
- Genentech (1 proposal submitted)
- National Science Foundation (1 proposal submitted)
- National Institutes of Health (1 proposals submitted)

1 grants awarded

<table>
<thead>
<tr>
<th>Funding Agency</th>
<th>Project Title</th>
<th>Principal Investigator</th>
<th>Funding Amount</th>
<th>Funding Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Genentech</td>
<td>Genentech Foundation Summer Research Scholars</td>
<td>Amber Smith</td>
<td>$46,375</td>
<td>4/1/2022–3/31/2022</td>
</tr>
</tbody>
</table>

6 continuing grants

<table>
<thead>
<tr>
<th>Funding Agency</th>
<th>Project Title</th>
<th>Principal Investigator</th>
<th>Funding Amount</th>
<th>Funding Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Howard Hughes Medical Institute</td>
<td>Beyond Access to Success: Creating Flexible Pathways to STEM Degrees for Transfer Students in the UW-System</td>
<td>Janet Brandshaw, PhD</td>
<td>$1,010,000</td>
<td>09/01/2018–08/31/2023</td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>Center for Advancing the Societal Impacts of Research (Subaward from the University of Missouri-Columbia)</td>
<td>Kevin Niemi, PhD</td>
<td>$48,036</td>
<td>09/15/2018–08/31/2023</td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>NSF IGE: A Public Service Fellows Program - Preparing Graduate Students for Community Engagement</td>
<td>Anna Courtier, PhD</td>
<td>$490,101</td>
<td>09/01/2018–08/31/2022</td>
</tr>
<tr>
<td>National Institutes of Health</td>
<td>Collaborative Project with iBiology: Online Courses for Navigating Research Mentoring Relationships</td>
<td>Janet Brandshaw, PhD</td>
<td>$932,720</td>
<td>08/01/2020–07/31/2025</td>
</tr>
<tr>
<td>Genentech</td>
<td>Genentech Fellows: Biological Interactions from Molecules to Ecosystems- Phenotype, Genotype, and Environment Summer Research Program</td>
<td>Amber Smith, PhD</td>
<td>$49,000</td>
<td>06/01/2021–05/30/2022</td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>REU Site: Biological Interactions from Molecules to Ecosystems- Phenotype, Genotype, and Environment</td>
<td>Amber Smith, PhD</td>
<td>$323,946</td>
<td>02/01/2021–01/30/2023</td>
</tr>
</tbody>
</table>
HHMI Inclusive Excellence Project

WISCIENCE was awarded a 5-year, $1,000,000 Howard Hughes Medical Institute Inclusive Excellence grant in 2019. The project "Beyond Access to Success in Wisconsin: Creating Flexible Pathways to STEM Degrees for 2- to 4-Year Transfer Students" is building a comprehensive 2- to 4-year transfer model program and implementing policy changes to transform the way Wisconsin public institutions support STEM transfer students. The project has four specific aims:

- AIM 1: Faculty, Advisor, and Peer Mentor Professional Development Programming
- AIM 2: Student Transfer Transition Programming
- AIM 3: System Policy, Curricular, and Personnel Connections
  - Interinstitutional Relationships
  - STEM Major Course Pathways
  - Transfer Admission
- AIM 4: Iterative Evaluation and Refinement

In 2021-22, the project supported five Wisconsin Technical College System, WTCS – UW System institutional partner teams (listed below) to build programs and establish policies to support STEM transfer students between their institutions.

- Madison College, UW-Madison, UW-Platteville, and UW-Whitewater
- Chippewa Valley Technical College, UW-Eau Claire, and UW-Stout
- Milwaukee Area Technical College and UW-Milwaukee
- Western Technical College and UW-La Crosse
- Nicolet College and UW-Stevens Point

In addition, six STEM course concentration pathways that were developed in 2020-21 were reviewed and approved by STEM department faculty across UW System institutions. The UW System adopted the pathways as the “Wisconsin STEM Passport” program and will promote student and institutional engagement in them.
### WISCIENCE Connections & Collaborations: Sharing expertise & resources to catalyze excellence in STEM education at UW–Madison & beyond

<table>
<thead>
<tr>
<th>We partner with Steenbock Library to manage the BioCommons, a space where STEM students, departments, and programs can gather and host events.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>95</strong></td>
</tr>
<tr>
<td><strong>28</strong></td>
</tr>
<tr>
<td><strong>31</strong></td>
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</tbody>
</table>

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<thead>
<tr>
<th>We provide instructors access to the Integrated Science (INTEGSCI) subject listing to offer courses designed for STEM students broadly.</th>
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<tbody>
<tr>
<td><strong>9</strong></td>
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<td><strong>1</strong></td>
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<table>
<thead>
<tr>
<th>We secure external funding to improve STEM education at UW–Madison and beyond, including:</th>
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<tbody>
<tr>
<td>• Engaging with Universities of Wisconsin and Wisconsin Technical College Systems to improve transfer experiences and outcomes across the state (HHMI Inclusive Excellence)</td>
</tr>
<tr>
<td>• Hosting a summer research opportunity program for students from underserved populations from across the United States (NSF-REU, Genentech, Faculty Supplement Grants, Departmental Funds)</td>
</tr>
<tr>
<td>• Supporting campus researchers in understanding and articulating the broader impacts of their research through workshops (NSF-CASIR)</td>
</tr>
<tr>
<td>• Developing and implementing the Public Service Fellows program (NSF-IGE)</td>
</tr>
<tr>
<td>• Partnering with iBiology to offer online courses supporting research trainee development with support from a grant from the National Institutes of Health (NIH-IPERT)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>We build partnerships with community organizations and create opportunities for STEM students to engage in community-based learning, especially through our Public Service Fellows program and Service with Youth in STEM course (INTEGSCI 240).</th>
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<tbody>
<tr>
<td><strong>12</strong></td>
</tr>
<tr>
<td><strong>170</strong></td>
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<tr>
<td><strong>16</strong></td>
</tr>
<tr>
<td><strong>12</strong></td>
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<table>
<thead>
<tr>
<th>We develop and provide evidence-based curricula and resources to STEM educators on and beyond campus.</th>
</tr>
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<tr>
<td><strong>3</strong></td>
</tr>
<tr>
<td><strong>45</strong></td>
</tr>
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<table>
<thead>
<tr>
<th>We provide expertise, consulting, and resources in STEM education to support UW-Madison departments and units that provide high impact learning experiences, including:</th>
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</thead>
<tbody>
<tr>
<td>Offering introductory courses and programs for current and prospective STEM students in partnership with:</td>
</tr>
<tr>
<td>• Division of Diversity, Equity, and Educational Achievement (DDEEA)</td>
</tr>
<tr>
<td>• FIG Program</td>
</tr>
<tr>
<td>• Summer Collegiate Experience</td>
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<tr>
<td>• CALS Quickstart</td>
</tr>
<tr>
<td>• Precollege Enrichment Opportunity Program of Learning Excellence (PEOPLE)</td>
</tr>
<tr>
<td>Sponsoring the BioHouse Learning Community, supporting the program manager and offering two Integrated Science courses to their scholars.</td>
</tr>
</tbody>
</table>
List of WISCIENCE Partners, 2021–2022

BioCommons Event Sponsors and Co-Sponsors
ACTS
American Red Cross
Asian American Studies
Audubon Society
Bioscience Advising Team
Cellular and Molecular Biology
Center for Educational Opportunity
Center for Pre-Health Advising
Center for the First-Year Experience
College of Agriculture & Life Sciences
Communication Sciences and Disorders
Delta
English
Graduate School
Greater University Tutoring Service
Life Sciences Communication
Mathematics
Medical College of Wisconsin
Minorities in Agriculture, Natural Resources and Related Sciences, UW–Madison Chapter
Nelson Institute for Environmental Studies
Nutritional Sciences
Office of Student Financial Aid
Office of Undergraduate Advising
Professional Association of Latinx Students for Medical School Access
SRI Program
Steenbock Library
Swim Club UW
UW Extension
UW–Madison Libraries
Wisconsin Alliance for Minority Participation
Women in Scientific Education and Research

Departments and Units using Integrated Science Subject Listing
Delta
Department of Kinesiology

Partners in Community-Based Learning
After School Science Club Sites
BLW Neighborhood Center
Boys and Girls Club - Taft
East Madison Community Center
Goodman Community Center
Kennedy Heights Community Center
Meadowood Neighborhood Center
Neighborhood House Community Center
Northport Community Learning Center
Packer CLC
Red Caboose – Lapham
Vera Court Neighborhood Center
Wal-Mar Neighborhood Center

Public Service Fellows Practicum Sites
Arxiva
Basil Data
Clean Wisconsin
Harambee Village
Madison Neighborhood Centers
Madison Senior Center
UW–Madison, Indigenous Arts and Science Research Coordinator
UW–Madison, School of Medicine and Public Health
UW–Madison, WISCIENCE
Wisconsin Department of Natural Resources
Wisconsin Greenfire

UW-Madison Partnerships
Ongoing Campus Partnerships
CALS QuickStart
Center for the Improvement of Mentored Experiences in Research
Division of Diversity, Equity and Educational Achievement
FIG Program
Forest/Wildlife Ecology
Post Baccalaureate Research Experience Program
Precollege Enrichment Opportunity Program for Learning Excellence
Science Alliance
Steenbock Library
Summer Collegiate Experience
WISCEL

Department Partners for Research Mentor/Mentee Training Workshops
Cellular and Molecular Biology
Microbial Sciences Doctoral Training Program
Nutritional Sciences
SciMed GRS
Waisman Center

Partners for Externally Funded Initiatives
HHMI: Beyond Access to Success Project
WTCS System Collaborations:
WTCS System Administration
Chippewa Valley Technical College
Madison College
Milwaukee Area Technical College
Nicolet College
Western Technical College
HHMI: Beyond Access to Success Project (Continued)
UW System Collaborations:
- UW System Administration
- UW–Eau Claire
- UW–LaCrosse
- UW–Milwaukee
- UW–Platteville
- UW–Stevens Point
- UW–Stout
- UW–Whitewater
- Transfer Transition Program (UW–Madison)
- Office of Undergraduate Advising (UW–Madison)
- MTLE (UW–Madison)

NIH: Online Courses for Navigating Research Mentoring Relationships
iBiology

**Summer Research Program**
**Departments Hosting Students**
- Bacteriology
- Biomolecular Chemistry
- Botany
- Communication Sciences & Disorders
- Comparative Biosciences
- Engineering
- Entomology
- Genetics
- Geography
- Horticulture
- Human Oncology
- Medical Genetics
- Neurology
- Neuroscience
- Tiny Earth
- Wisconsin Energy Institute

**Funding Partners for Summer Research Program**
- Genentech
- Genetics (UW–Madison)
- National Science Foundation
- Neuroscience Training Program (UW–Madison)
- The Graduate School (UW–Madison)
- Tiny Earth (UW–Madison)
- UW–Madison Schools of Medicine & Public Health