Congratulations to all the award recipients, grant principal investigators and co-investigators, new master’s and doctoral degree recipients, research symposium participants, and 3-Minute Thesis (3MT) finalists who contributed to the accomplishments you see in this report. Their hard work and dedication have made 2018–2019 an exceedingly productive academic year, with near-record grant funding, continued healthy enrollments in graduate programs, and impressive attendance at the University Research Symposium and the 3MT finals.

The Office of Research and Graduate Studies strives to provide strategic leadership for the University community in research and scholarly activities. During the past year, the office has:

• funded a 35 percent increase in university research grants, the main source of internal support for faculty research;
• initiated a Book Subvention Support Program to assist faculty with costs related to publishing scholarly books;
• welcomed Rebekka Darnier as the new director of the Center for Mathematics, Science, and Technology (CeMaST), and Noelle Selkow as the interim director of the Graduate School;
• merged Grants Accounting with Research and Sponsored Programs (RSP) into a single unit that reports to Academic Affairs through the associate vice president for research;
• launched the Office of Student Research in the fall of 2019, with Gina Hunter as the inaugural director;
• launched a frequently requested process for enabling the use of participant incentives in research projects; and
• relocated the Graduate School to a much more accessible and welcoming location on the second floor of Hovey Hall.

In addition, planning is underway for additional initiatives in the upcoming 12-18 months, including:

• a startup incubator for students, faculty, and community members, to be located in Uptown Normal and anticipated to open in 2021;
• formation of the Illinois State University Hub of the Illinois Innovation Network, a group of public universities working together to improve the state’s economy through innovation, research, and education;
• a formalized process for establishing interdisciplinary research centers;
• the co-location of RSP and Research Ethics and Compliance to better coordinate their services for faculty;
• a revamped web presence for research at ISU; and
• a new event celebrating the University’s research and creative activity awareness.

We continually look for ways to improve our services. Please send ideas and suggestions to jebaur@illinoisstate.edu.

Research and Graduate Studies

Departments

Graduate School
Noelle Selkow, interim director

Research and Sponsored Programs
Jason Wagoner, senior director

Research Ethics and Compliance
Kathy Spence, director

Centers

Center for Mathematics, Science, and Technology (CeMaST)
Rebekka Darnier, director

Center for Collaborative Studies
In Mathematical Biology
Olcay Akman, director

Center for a Sustainable Water Future
Joan Brehm and Noha Shawki, directors

Cross Chair in the Scholarship of Teaching and Learning
Jen Friberg

Office of Student Research
Gina Hunter, director

Stevenson Center for Community and Economic Development
Frank Beck, director

Outstanding University Researchers

The Outstanding University Researcher Award recognizes faculty whose research is acknowledged at the national or international level for its quality and contribution to the profession or discipline.

JEFFREY WAGMAN, PSYCHOLOGY
Jeffrey Wagman came to Illinois State in 2003 after doctoral studies at the University of Connecticut. He earned tenure in 2009 and was promoted to full professor in 2013. Since then he has amassed a most impressive scholarly record. He has published nearly 70 peer-reviewed journal articles (all but five while at Illinois State), two edited books, 16 book chapters and reviews, 21 conference proceedings, and countless conference presentations and invited lectures. His scholarly judgment has the highest respect of his peers. He has reviewed for more than 40 different peer-reviewed journals, and serves as associate editor of the Journal Ecological Psychology and as a co-editor of the Resources in Ecological Psychology Book Series. On top of all of this is the high percentage of publications that include student co-authors, which is essential in a department with such large and dynamic graduate programs.

AYESN BAKIR, MARKETING
Aysen Bakir is a professor of marketing in the College of Business. Bakir’s research has focused on consumer socialization of children and the processes young people go through in developing the knowledge, skills, and attitudes to function as consumers. Much of her published work is on children’s advertising, adolescents’ consumption behavior, and cross-cultural consumer behavior. She has published more than 40 refereed journal articles and proceedings. Her research has appeared in prestigious journals such as the Journal of Advertising, Journal of Advertising Research, Journal of Business Research, Journal of Business Ethics, and Journal of Current Issues & Research in Advertising. Her most recent work focuses on the impact of ad characters’ body weight on adolescents’ attitudes toward food products being advertised. This topic is particularly relevant given the increased rates of obesity among children.

University Research Initiative Awards

The University Research Initiative Awards are presented to faculty who, within their first five years at Illinois State University, have initiated a promising research agenda early in their academic careers.

Rebecca Achen, Kinesiology and Recreation
Amin Rahmanian, Mathematics
Brandon McDaniel, Family and Consumer Sciences

Outstanding University Creative Activity Awards

This award is given for outstanding creative work. Creative contributions include, but are not limited to, the following: painting, sculpture, film, drama, musical composition, choreography of a dance, poetry, a novel, creative nonfiction, and creative media programming. The contribution(s) must have been recognized in the field as having national and/or international significance. This award is not designed to recognize a single major work but consistent and sustained contributions to the profession, discipline, and field.

CLAIRE LIEBERMAN, ART
Claire Lieberman is a sculptor and installation artist whose practice explores the relationship between play and violence in contemporary culture. She carves marble, sometimes combining it with unexpected materials such as Jell-O and video, and also creates prints. Lieberman is represented by Massey Klein Gallery in New York, which published a hard-bound book on her work in 2018. She holds a B.F.A. from the School of the Museum of Fine Arts at Tufts University, and has an M.F.A. with distinction from Pratt Institute. Her sculpture was shown at Forum Schloßplatz in Aarau, Switzerland, in spring 2019; and recently at Mudac Museum in Geneva, Switzerland. Lieberman has had solo shows at Massey Lynben Gallery, New York City; Hot Wood Arts, Brooklyn; THE LAB, New York City; Marcia Wood Gallery, Atlanta; Gebert Contemporary, Scottsdale; Seoul Art Center, Korea; and PDX Gallery, Portland, Oregon. Her work has been written about in Sculpture magazine, The New York Times, and ARTNews. A two-page image of her sculpture was included in a book, Camouflage, published by the Imperial War Museum of London and Thames and Hudson. Awards include: The Arctic Circle, The Seaside Institute, Florida; National Endowment for the Arts; and the Cité Internationale des Arts, Paris.

BRENT SIMONDS, COMMUNICATION
Brent Simonds, Ed.D. ‘03, is a professor and the mass media program coordinator in the School of Communication at Illinois State University. He teaches documentary storytelling and other film/video related courses. His interests include visual communication, media ecology, and digital filmmaking (training, education, and documentary). He has won Telly, Aurora, and EMPIxx awards, and his productions have also been recognized by the Broadcast Education Association, the National Broadcasting Society, and the Oklahoma Association of Broadcasters. Although he has also published more traditional
Creative Activity Initiative Award

This award shall be given to recognize faculty members who have initiated promising creative productivity early in their academic careers. Creative contributions include but are not limited to the following: painting, sculpture, film, drama, musical composition, choreography of a dance, poetry, a novel, creative nonfiction, and creative media programming.

Dan Ozminkowski, Theatre and Dance

Center for Mathematics, Science, and Technology

AKA: CeMaST
Approved by IBHE: July 1, 1997
Contact: Rebekah Darner, director
Location: Campus Religious Center
Reports to: Office of the Vice President for Academic Affairs and Provost
Website: cemast.illinoisstate.edu

Center for Teaching, Learning, and Technology

AKA: CTLT
Approved by IBHE: January 7, 1997
Contact: Claire Lamonica, director
Location: Williams Hall 117
Reports to: Office of the Vice President for Academic Affairs and Provost
Website: CTLT.illinoisstate.edu

Center for the Study of Education Policy

AKA: CSEP
Approved by IBHE: February 8, 1995
Contact: Lynne Haefele, director
Location: Degarmo Hall, third floor
Reports to: Department of Educational Administration and Foundations
Website: education.illinoisstate.edu/csep

Mary and Jean Borg Center for Reading and Literacy

AKA: Borg Center
Approved by IBHE: October 2, 2001
Contact: Deborah MacPhee, interim director
Location: DeGarmo Hall, third floor
Reports to: School of Teaching and Learning
Website: Education.illinoisstate.edu/borg

National Center for Urban Education

AKA: Chicago Teacher Education Pipeline
Approved by IBHE: August 31, 2016 (temporary status through September 30, 2021)
Contact: Maria Luisa Zamudio-Mainou, executive director
Location: 2934 W. Lake St., 3rd floor, Chicago
Reports to: College of Education
Website: ncue.illinoisstate.edu

Illinois State University also operates numerous centers and institutes not officially recognized by IBHE. These additional centers primarily support academic programs or student services at the University, or provide services locally or regionally. Information regarding these additional centers and institutes can be found on websites of the College of Applied Science and Technology, College of Arts and Sciences, College of Business, and College of Education.

Applied Social Research Unit
Carson and Iris Varner International Business Institute
Center for the Advancement and Support of Educational Initiatives
The Center for Community Engagement and Service Learning
Eckelmann-Taylor Speech and Hearing Clinic
George R. and Martha Means Center for Entrepreneurial Studies
Illinois Center for Specialized Professional Support
Institute for Corruption Studies
Institute for Financial Planning and Analysis
Illinois Geographic Alliance
Institute for Geospatial Analysis and Mapping (GROMAP)
Institute for Regulatory Policy Studies
The Organizational Leadership Institute
Professional Sales Institute
Stanley S. Marzolf Center for the Psychological Assessment and Treatment of Children and Adolescents (Psychological Services Center)

Contact Information
John Bauer
Associate Provost for Research and Graduate Studies
(309) 438-3006
Email: jebaur@IllinoisState.edu

Ani Yazdijian
Associate Provost
(309) 438-7018
Email: ayzadij@IllinoisState.edu
2018 Million Dollar Club Inductees

The Million Dollar Club was established in 1990 by President Thomas Wallace and Provost David Strand "to recognize grant/contract productivity by members of the ISU community." After inducting the 2018 class, ISU moved to a biennial cycle. For a list of previous inductees, visit the ISU Research page at https://research.illinoisstate.edu/funding/awards/million.

Awards

Total awards by agency
- College/University: $2,441,547
- Federal: $17,754,982
- Industry: $9,950
- Local government: $8,100
- Other: $3,014
- Other nonprofit org: $1,587,126
- State: $6,731,587
- Total: $28,536,306

Total awards by college
- Applied Science and Technology: $2,108,603
- Arts and Sciences: $7,483,529
- Business: $35,000
- Education: $13,643,709
- Fine Arts: $175,915
- Milner: $349,679
- Nursing: $2,129,309
- University and administration: $2,610,562
- Total: $28,536,306
## Submissions and Awards

**FISCAL YEAR 2019**

### by College and Department/School

<table>
<thead>
<tr>
<th>College of Applied Science and Technology</th>
<th>Amount Requested</th>
<th>No. of Proposals</th>
<th>Amount Received</th>
<th>No. of Awards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>$213,822</td>
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<td>$22,659</td>
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<tr>
<td>Criminal Justice Sciences</td>
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<tr>
<td>Family and Consumer Sciences</td>
<td>$338,425</td>
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<td>$1,228,496</td>
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<tr>
<td>Health Sciences</td>
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<td>Information Technology</td>
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<td>$76,318</td>
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<tr>
<td>Kinesiology and Recreation</td>
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<td>$13,307</td>
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<tr>
<td>Technology</td>
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<td>$737,124</td>
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<th>College of Arts and Sciences</th>
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<th>No. of Awards</th>
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<tr>
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<td>Chemistry</td>
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<td>Communication Sciences and Disorders</td>
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<tr>
<td>Communication</td>
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<td>$158,784</td>
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<tr>
<td>Economics</td>
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<td>English</td>
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<tr>
<td>Geography, Geology, and the Environment</td>
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<td>$2,135,951</td>
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<tr>
<td>Mathematics</td>
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<tr>
<td>Physics</td>
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<td>$257,877</td>
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<td>Politics and Government</td>
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<tr>
<td>Psychology</td>
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<td>Social Work</td>
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<tr>
<td>Sociology and Anthropology</td>
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<td><strong>Total</strong></td>
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<td>$7,483,531</td>
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<th>College of Business</th>
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<th>No. of Proposals</th>
<th>Amount Received</th>
<th>No. of Awards</th>
</tr>
</thead>
<tbody>
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<td>Management and Quantitative Methods</td>
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<td>$35,000</td>
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<td>2</td>
<td>$35,000</td>
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<table>
<thead>
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<th>College of Education</th>
<th>Amount Requested</th>
<th>No. of Proposals</th>
<th>Amount Received</th>
<th>No. of Awards</th>
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</thead>
<tbody>
<tr>
<td>College of Education</td>
<td></td>
<td></td>
<td>$2,425,797</td>
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<tr>
<td>Educational Administration and Foundations</td>
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<td>Special Education</td>
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<td>$2,232,334</td>
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<tr>
<td>Teaching and Learning</td>
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<td>$330,000</td>
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<tr>
<td>Metcalf School</td>
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<td>$13,643,709</td>
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<tr>
<th>College of Fine Arts</th>
<th>Amount Requested</th>
<th>No. of Proposals</th>
<th>Amount Received</th>
<th>No. of Awards</th>
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<tbody>
<tr>
<td>Art</td>
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<td>$7,900</td>
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<td>Music</td>
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<td>Theatre</td>
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<td>$21,300</td>
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<td>University Galleries</td>
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<td>$175,915</td>
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</table>

<table>
<thead>
<tr>
<th>Mennonite College of Nursing</th>
<th>Amount Requested</th>
<th>No. of Proposals</th>
<th>Amount Received</th>
<th>No. of Awards</th>
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</thead>
<tbody>
<tr>
<td>Mennonite College of Nursing</td>
<td>$1,106,823</td>
<td>10</td>
<td>$2,129,309</td>
<td>9</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$1,106,823</td>
<td>10</td>
<td>$2,129,309</td>
<td>9</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Milner Library</th>
<th>Amount Requested</th>
<th>No. of Proposals</th>
<th>Amount Received</th>
<th>No. of Awards</th>
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</thead>
<tbody>
<tr>
<td>Milner Library</td>
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<td>$349,679</td>
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<tr>
<td><strong>Total</strong></td>
<td>$857,066</td>
<td>3</td>
<td>$349,679</td>
<td>2</td>
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</table>

<table>
<thead>
<tr>
<th>University and administration</th>
<th>Amount Requested</th>
<th>No. of Proposals</th>
<th>Amount Received</th>
<th>No. of Awards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Career Center</td>
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<td>Center for Mathematics, Science, and Technology</td>
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<td>Graduate School</td>
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<td>$178,534</td>
<td>4</td>
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<td>Office of the Provost</td>
<td>$992,081</td>
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</tr>
<tr>
<td>Research and Sponsored Programs</td>
<td>$7,500,000</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Stevenson Center</td>
<td>$19,237</td>
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<td>$10,237</td>
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<tr>
<td>University College</td>
<td>$546,079</td>
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<td>$585,111</td>
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<tr>
<td><strong>Total</strong></td>
<td>$9,755,363</td>
<td>11</td>
<td>$2,610,562</td>
<td>16</td>
</tr>
</tbody>
</table>

| Grand total                              | $44,856,650      | 171              | $28,536,309    | 143          |
Graduate School

Finalized theses and dissertations in 2019
Theses ...................................... 132
Dissertations ............................ 51

Graduate Merit Fellows
Gabriella Fisher .......................... HIS
Hannah Gdalman ....................... ACED SOC
Josselyn Gonzalez .................... BSC
Alyssa Herman .......................... ENG
Courtney Huellen ...................... CSD
Xue Ma .................................. ANT
Grace Segal .................. ENG
Erika Shiba ................ MFA
Thelma Tregoli ................ ENG
Anna Yates .............................. CSD

2019 Research Symposium

Illinois State's Research Symposium is a universitywide showcase of student research, scholarship, and creative endeavor. Held every spring, the Research Symposium offers students the opportunity to actively participate in the Illinois State academic community. The symposium is open to all students enrolled at the University and engaged in research, scholarship, and creative endeavor under the direction of a faculty mentor. News.IllinoisState.edu/2018/04/Sights-and-Sounds-From-2018-Illinois-State-Research-Symposium

Number of participants at 2018 Research Symposium
Undergraduate .................. 222
Graduate .................. 192

Number of Research Symposium posters by college
CAS .......................... 309
CAST .................. 83
COB .................. 4
COE .................. 10
CFA .................. 5
CFA .................. 179
CFA .................. 259
MCN .................. 3
COE .................. 274
COE .................. 286
CFA .................. 264
CFA .................. 301
MCN .................. 333
MCN .................. 333

Total number of Research Symposium posters by year
2009 .................. 2012
2010 .................. 2013
2011 .................. 2014
2012 .................. 2015
2013 .................. 2016
2014 .................. 2017
2015 .................. 2018
2016 .................. 2019
3 Minute Thesis

Illinois State University’s third annual 3-Minute Thesis (3MT) competition was a powerful showcase for #WomeninScience.

Eight of the nine participants and all three of the award winners were female graduate students presenting research across several disciplines. Stephanie Stephens, a master’s student in the School of Kinesiology and Recreation, took home first place for her speech focused on the use of cupping therapy to relieve neck pain.

Stephens drew in the audience by paying homage to her mother and the aches she suffered tending to seven children. “I kept looking at my mom,” Stephens said afterward. “She was a really big part of my speech. I was really glad to have her here.”

Stephens' mother joined about 250 people at the Normal Theater the night of February 28 for the approximately hour-long event. They watched and applauded the scholars as they attempted to summarize hundreds of hours of research into 180 seconds for a general audience.

Stephens practiced her speech in her car on the four-minute ride home from work. “I have never spoken in front of a crowd of people ever. The most I did was in a (communication) class, and that was 15 people. This is a first for me.”

The competitors were restricted to one static slide, and so they had to rely on verbal gymnastics to convey their research and to captivate the audience.

“I just kept thinking to myself, I'm passionate about this, and I want some people to feel my passion through the way I speak,” Stephens said. “I think it's really important to convey what we are doing in our research aspect to a general population and to make them care.”

Stephens received $1,000 for first place and qualified for the Midwest Association of Graduate Schools' competition to be held in March. She will face students from across the region, including participants from the University of Notre Dame, Indiana University, Loyola University, and the University of Missouri.