Dear Alumni, Faculty and Staff,

In order to promote the research accomplishments of our faculty and students, we decided to make research the sole topic of this issue of the SHE Newsletter. Learn about the many ways that SHE faculty, staff and students are supporting research efforts at UMass Lowell with an emphasis on undergraduate research, faculty accomplishments and research funding.

An area of emphasis within SHE is undergraduate research. We know that students who get involved in some way with research as an undergraduate will be more likely to go on to graduate school and potentially become a researcher someday. We support undergraduate research through Research Co-ops in the sophomore year as well as senior research projects for juniors and seniors. We are very proud of the strong participation level of our students at the UMass Lowell Student Research Symposium where SHE had the most posters of any college.

We are also very proud of our faculty research accomplishments. SHE Research Day was a wonderful opportunity for all our faculty and research staff to share their research projects. The presentations and posters stimulated lots of interdisciplinary discussion and will likely lead to more joint projects. Be sure to visit the faculty publication web page.

A very visible way research at SHE is supported is by funding success. Our faculty and researchers continue to seek and obtain funding even in this challenging funding environment. Our funding history for the last five years is shown below:

SHE Students Publish Research Articles in New Journal
Faculty Research Day Highlights
Research Symposium Highlights Innovative Student Research

Save the Dates

August 16, Regional conference - Dedicated Education Model in Long-Term Care, register online.

October 4, Celebrating 40 Years of Nursing Excellence Reception & Dinner, contact Pauline Beaulieu.

October 19, Work Environment 25 Year Anniversary Symposium, contact Maria Scholl.

GIVE ONLINE NOW!
If you would like to support undergraduate research or have a project that has funding potential, please contact us. We are always looking for ways to connect with our alumni and supporters.

Best,

Shortie McKinney
Dean of the School of Health and Environment
University of Massachusetts Lowell

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**SHE Students Publish Research Articles in New Journal**

UMass Lowell students released the first issue of the "Journal of Undergraduate Research" in the spring. Exercise Physiology student Sarah Regan is on the editorial board. SHE students authored 9 out of the 11 articles on the following topics:

- Opioid Knowledge in the Greater Lowell Community
- Food Security and Customer Satisfaction among Food Pantry Clients in the Greater Lowell Area
- The Use and Perception of Reproductive Health Services at UMass Lowell
- Healthy Homes: A Cross Sectional Study on Asthma
- Tobacco Related Attitudes and Behaviors among UMass Lowell Employees
- Lowell Community Food Assessment in the Acre
- The Effect of Fabric Softeners on Disinfection by the AVT MondoVap 2400
- Youth Violence within the Lowell Community

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**Faculty Research Day Highlights**

More than 80 faculty, staff and graduate student researchers participated in SHE’s annual Research Day at the end of April. The event included a series of lectures, poster presentations and lunchtime roundtable discussions on various research-related topics. Participants enjoyed the chance to network, share research ideas and explore possibilities for scientific collaboration.

The lecture topics spanned vitamin D deficiency, metabolic risk factors, obesity, nanomaterials and human health and the effect of treadmillmediations on health. The roundtable discussion
Research Symposium Highlights
Innovative Student Research

At this year's Student Research Symposium, students presented their internship and co-op experience, community service-learning and thesis research. More than 150 posters from undergraduate and graduate students in all of the University's six colleges and schools were viewed by the more than 300 people.

SHE students presented 60 posters that included a spectrum of health topics such as nutrition, obesity, stress, lung and breast cancer awareness and more. See the photo gallery.

Check out interviews with some of the students describing the importance of their research:

- **Nursing undergraduate student Tatenda Chindongo** discusses her team's research on childhood obesity in Lawrence, Massachusetts - chosen for its "staggering obesity rates" - and the aim of the research, which was to increase the knowledge of school age children about healthy nutrition and exercise.

- **Community Health Education undergraduate student Alexandra Beauvais** taught girls at Girls Inc. about physical activity, healthy snack choices and managing stress - elements of the "Healthy You Program - as part of her service-learning project.

Student Research Co-ops
UMass Lowell stepped up its commitment last year to provide paid experiential learning opportunities for students. Read what three undergraduate SHE students - Jenna Connolly of Nursing, Isabel Robinson of Exercise Physiology and Nathalia Mendoza of Clinical Laboratory Sciences - had to say about their co-op research experiences.

The University offers several types of cooperative education programs for students, including Research and Community co-ops, Professional co-ops, and Scholar co-ops. These paid "jobs" offer students a chance to work on or off campus, in research, service, or practice; they help students explore career fields, build professional networks, and gain new skills.

If you are part of a professional organization or company and are interested in working with a UMass Lowell student through the professional or community co-op program, please visit our CareerLINK web site.