

IDRC Purpose:
To Defeat Global Health Threats
We Do the Difficult

IDRC Values:
Creativity, Knowledge,
Achievement, Honesty,
Competency

IDRC General News



IDRC Wins Bioscience Manufacturer of the Year Award

On April 4th, the [Colorado Manufacturing Awards](#) recognized excellence and innovation across the region's manufacturing industries while celebrating the modern manufacturing economy with awards in a dozen different categories. The IDRC award citation highlighted accomplishments from all three key IDRC divisions (BioMARC, RIC, and RBL) and their contributions to fight local, national, and global health threats. Both [CSU's Source](#) and the [Rocky Mountain Collegian](#) ran feature articles on the award. IDRC Executive Director Ray Goodrich noted, "We clearly know of the exciting and impactful work that goes on day in and day out... it is wonderful to know that others in our community see this value too. This award is not for any single organization or individual. It is for our entire CSU community."

Contact: Ray Goodrich, ray.goodrich@colostate.edu



IDRC Team Members at Awards Ceremony in Denver

BioMARC (Biopharmaceutical Manufacturing and Academic Research Center) News

BioMARC Manufacturing Internship Class Completed



BioMARC Internship Students

In April, six Master's degree students from the Department of Microbiology, Immunology, and Pathology completed a newly created class with BioMARC. Dr. Brian Geiss, Director of the Microbiology M.S. Plan B program commented, "*The BioMARC Internship provides an outstanding and unique experience to MS-B students interested in pursuing careers in biotechnology and manufacturing where they can learn how an operating biomanufacturing facility works and how products are developed from start to finish. This type of learning opportunity can't be*

found elsewhere and is an excellent way for our students to determine if a career in product development/manufacturing is right for them. It exposes them to areas that they may not have been previously aware of." Contact: Debra Horensky, debra.horensky@colostate.edu

BioMARC News (continued)

BioMARC Leaders Recognized with CSU All Star Nominations, Award



Darragh Heaslip



Joanna Ellinghuysen

Joanna Ellinghuysen and Darragh Heaslip were both recognized for outstanding performance as nominees at the Administrative and Professional Celebration featuring the Star Awards ceremony on April 2, 2019. Darragh was selected as an AP Star Awardee from a highly competitive field of nominees. Selection criteria included the following:

- Demonstrates willingness to go above and beyond in their work within their department, in collaboration with other units and/or the campus community;
- Exemplifies and honors the importance of work-life integration and supports it in themselves as well as their area, department, and the University;
- Contributes to CSU administrative professionals on campus through leadership, support and mentoring;
- Utilizes resources in a more effective manner (doing more with less).

RIC (Research Innovation Center) News

VeriPrime Internship Project Improves Key Assay LOD 4-fold

Kaitlyn Maloley, a graduating CSU senior working under a RIC / CSU Collaborative Student Project with RIC tenant VeriPrime, recently completed her project focused on developing a GC-MS assay to quantify ethyl carbamate (EC) in bovine plasma. Her work was recognized with College Honors at the CURC (Celebrate Undergraduate Research and Creativity) Awards Ceremony April 25th. EC is a compound often produced in distillers grains during fermentation and can end up being fed to livestock. Established assays involve multiple laborious extraction

steps and result in only a modest limit-of-detection (LOD) value. Kaitlyn's work developed an efficient single-step extraction and validated GC-MS assay with good repeatability, linearity, and a 4-fold improvement in LOD (12.5ng/mL vs. 50ng/mL for EC from bovine plasma). *Contact: Bob Coffey, rcoffey1374@msn.com*

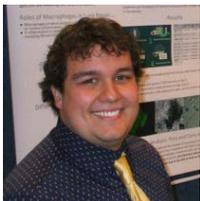


Kaitlyn Maloley



Kaitlyn presenting her project

SiVEC Intern Named 'Outstanding Grad'



Jordon Aragon

Jordon Aragon, a graduating CSU senior working under a RIC / CSU Collaborative Student Project with RIC tenant SiVEC Biotechnologies, was featured in a [CSU Source](#) story that named him as an 'Outstanding Grad'. As an intern for SiVEC Biotechnologies Jordon has provided laboratory support for various aspects of SiVEC's Phase I SBIR grant funded through the National Institutes of Health. From performing cell culture, molecular and bacteriology bench work, to preparing literature reviews on mouse immune markers and creative bacterial inactivation methods, Jordon has shown a love for all-things-science and he has been a great asset to SiVEC. *Contact: Lynsey Linke, llinke@sivecbiotech.com*

IDRC

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