



Welcome to the Research and Creative Activity Update!

To share information quickly rather than through multiple emails, we will be providing weekly updates for researchers, scholars and staff to keep up-to-date on grant program changes, deadlines, notices and training, with links to expand the information you may be interested in. Thank you for your contributions to research and creative activity at NDSU.

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Save the Date – January 11, 2016

A seminar on writing proposals for federal new investigator programs will be presented by The Implementation Group (TIG). Further details and registration information coming soon!

Successful optimization of process parameters

A recent collaboration between the Research Operations Service Center and researchers at NDSU's Agriculture & Biosystems Engineering Department resulted in the successful optimization of the synthesis of epoxidized sucrose soyate. This project utilized the Chemspeed A100 parallel reactor system to perform 50+ synthesis reactions in 100 ml individually controlled vessels. The Chemspeed platform enabled variables such as; temperature, stir rate, chemical addition rate and composition to be explored independently of each other. The best reaction conditions achieved were then applied to a larger scale 10 liter glass reactor to determine if the small scale reaction could be scaled up. *For more details on this project see the resulting publication below.*

Optimizing Process Parameters of Epoxidized Sucrose Soyate Synthesis for Industrial Scale Production

Ewumbua M. Monono, James A. Bahr, Scott W. Pryor, Dean C. Webster and Dennis P. Wiesenborn

Link to the publication-<http://pubs.acs.org/doi/abs/10.1021/acs.oprd.5b00251>

The Chemspeed A100 parallel reactor system and the 10 liter scale up reactor are available to NDSU researchers through the Research Operations Service Center for a minimal fee. The photo below depicts the A100 platform, a close up of the 100 ml reactor vessels as well as the 10 liter glass reactor.



For more information, contact aaron.reinholz@ndsu.edu.

Fellowships, Awards, and Honors

Are you interested in applying for or nominating someone for a fellowship or award? The [Research Development](#) office is available to help with putting an application together. For examples of possible fellowships, awards, and honors, please see the [National Academies webpage](#) for discipline-specific lists in the [arts and humanities](#), [social sciences](#), [physical sciences and engineering](#), and [life sciences](#). For assistance, contact Research Development at ndsu.researchdev@ndsu.edu.

NCURA Life Cycle of Awards Series Now Available Through Moodle

Sponsored Programs Administration (SPA) and Grant & Contract Accounting (GCA) have joined together to purchase the NCURA Life Cycle of Awards Series. This series has been happening in live webinars on campus, and additional live webinars will take place starting in January. The videos and handouts are now available through the Moodle Learning System. To access the learning system, please go to <https://community.ndus.edu/login/index.php> and sign on with your NDUS username and password (same as PeopleSoft). If you have issues viewing any video in Internet Explorer, please try Google Chrome or Firefox. A recent NCURA webinar “Going Global: Managing Research without Borders” has also been added to the Moodle Learning System.

Proposal Submissions

Reminder that proposals for external funding are due in SPA no later than 72 hours (3 business days) before they are due. Proposals must include a completed PTF, project abstract or summary, detailed budget and a budget justification. NDSU Policy Section 801 requires that all proposals be reviewed and approved by the appropriate NDSU authorities prior to submission to a sponsor (See NDSU Policy Manual Section 801 found at <https://www.ndsu.edu/fileadmin/policy/801.pdf>). Proposals will be placed in a queue in the order they are received, and late submissions will not receive priority over other proposals.

You are receiving this notification through the NDSU official staff or faculty listserv or sub-list. The official listserv refreshes after each pay period.

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