

SPIN: Strategic Program for Innovation at National Labs

Impactful Innovation Program for Lab Scientists and Emerging Leaders
NOW Recruiting for the upcoming cohort in Spring 2023!

Leverage the mechanisms of entrepreneurship to foster organizational effectiveness and innovation in your lab by participating in Cohort 2 of SPIN. This valuable innovation program, originally developed as a collaboration between Argonne, Fermi, the University of Chicago's Booth School of Business and the Polsky Center for Entrepreneurship and Innovation, is now expanding to include participation from all national labs in Spring 2023.

SPIN PROGRAM VALUE PROPOSITION

- Demonstrate the benefits of applying the entrepreneurial mindset to scientific research and innovation
- Provide lab staff and researchers with new tools to approach, conceptualize and solve problems by utilizing the mechanisms of entrepreneurship
- Enhance effectiveness in research as well as inspire new frontiers

THREE CRITICAL DOMAINS OF LEARNING

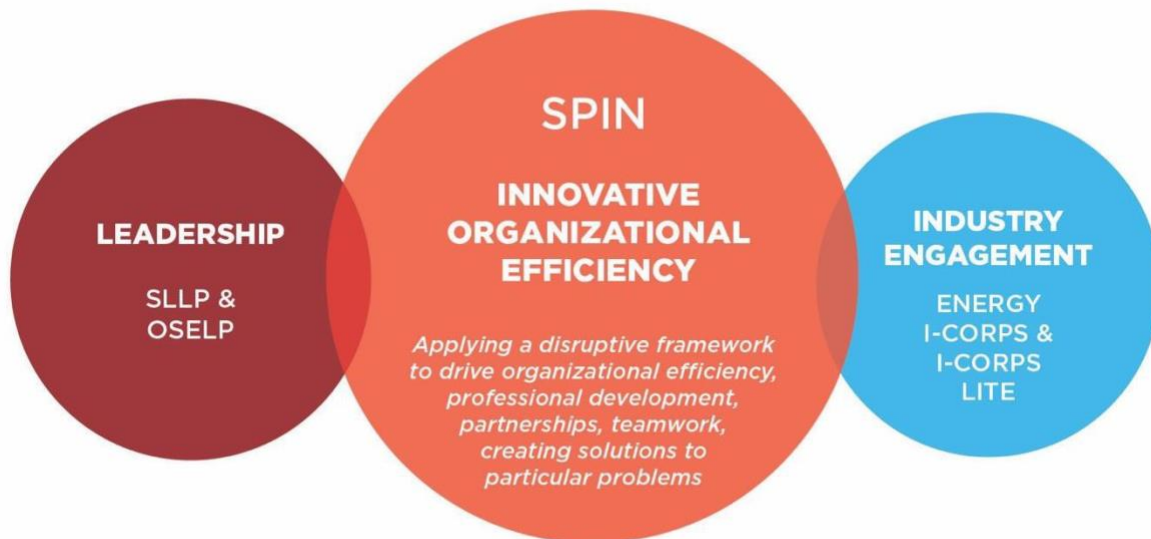
The following domains of learning are designed to catalyze the power of innovation and lead to greater organizational efficiency:

Entrepreneurial Mindset – Leveraging a strategic thought process to identify and make the most of opportunities, overcome and learn from setbacks, and problem-solve across a variety of settings

The Structure of Entrepreneurship – The process of identifying a core value proposition, the people it serves, the associated reward, the infrastructure, resources and costs required to execute a solution

Applied Research in Action – A practitioner's approach to evaluating opportunities across the commercialization landscape and the use of integrative partnerships to solve problems

THE SPIN PROGRAM DELIVERS A FRAMEWORK FOR INNOVATIVE ORGANIZATIONAL EFFICIENCY WHILE ALSO TOUCHING UPON THE TOPIC AREAS OF LEADERSHIP AND INDUSTRY ENGAGEMENT



Program Details:

Module Curriculum:

- Growth Mindset as a Model for Innovation
- High Functioning Teams
- Communication and Collaboration Strategies
- Tackling the Front End of Innovation
- Technology Commercialization in Practice
- Entrepreneurs as Missionaries
- Role of Internal / External Partnerships
- Presentation and Executive Communication Workshop
- DNA of Disciplined Innovation

Session Details:

- **2023 Dates:**
 - March 21, 22 (In-Person)
 - April 5, 19 (Virtual)
 - May 11, 12 (In-Person)
 - May 24 (Virtual)
 - June 7 (Virtual)
 - June 21, 22 (In-Person)
- **Sessions will be both Virtual and In-Person**
 - Final session will be a full day event with presentations to Lab and University Leadership
 - Participation will require supplemental reading and collaborative activities between sessions to enhance discussion and learning outcomes (estimated 2-3 hours)

Eligibility Criteria:

- Recognized potential for growth into a higher leadership position
- Actively engaged in activities of the lab
- Curious about practical applications for research
- Demonstrated innovation / creativity in problem solving
- Demonstrated collaborative ability
- Personal career objectives fit with goals of the program
- Full-time regular employee

APPLICATIONS:

Open: January 15, 2023 / Close: February 15, 2023

FEEDBACK FROM RECENT SPIN PARTICIPANTS:

“Some key takeaways from this program include learning from external speakers throughout the class to help build our project solutions, learning from each as classmates and teammates, the importance of culture and its relationship to innovation, sharing intellectual property information and resources with early career staff, engaging with key stakeholders, and bringing our ideas into action with follow-up discussions planned.”

*Amanda Youker
Chemist and manager of the Radiochemistry Group
Argonne*

“The inaugural SPIN program exposed me to the value of an entrepreneurial mindset and provided us with the tools, such as the business model canvas, and taught us to assess the value of a technology. Both the in-person and the virtual sessions were excellent.”

*Charles T. Thangaraj
Senior scientists and IARC science and technology manager
Fermilab*

For questions about the program, feel free to contact:

- Bob Altman, PhD, Faculty Director of SPIN; Adjunct Professor of Entrepreneurship, Booth School of Business Robert.Altman@chicagobooth.edu
- Laurel Elzinga, Director of External Entrepreneurship Programs, Polsky Center for Entrepreneurship and Innovation Laurel.Elzinga@chicagobooth.edu