

Professor of Practice (Open Rank) in Biological and Biomanufacturing Systems Technology

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Position Title:

Professor of Practice (Open Rank) in Biological and Biomanufacturing Systems Technology

Appointment Type:

Faculty

Job Description:

Summary of Duties and Responsibilities:

The Department of Agricultural and Biosystems Engineering, jointly administered by the College of Engineering and the College of Agriculture and Life Sciences at Iowa State University, invites applications for a full-time position of Assistant/Associate/Full professor of practice in biological and biomanufacturing systems technology. This is a 9-month position with job responsibilities in teaching, recruiting and mentoring students, interfacing with relevant industries to provide educational and career opportunities for students, and engaging with other stakeholders to advance the biomanufacturing industry in the state of Iowa.

The successful candidate will teach courses and be a leader in the department's newly established BS degree option within the Industrial Technology program that emphasizes biological and biomanufacturing systems technology (BBST). The degree track prepares students to manage people, instruments, projects and processes in bio-based industries such as breweries, distilleries, biofuels, biochemicals, bioproducts, bioplastics, grain, feed, seed, food, or healthcare, using principles of manufacturing, instrumentation, chemistry, and microbiology. The successful candidate will have a strong industry background in this space, a track record of successfully training or mentoring early-career technology specialists, and an ability to effectively network with potential industry stakeholders.

Required Minimum Qualifications:

- A B.S. degree in science, technology, or engineering.
- At least five years of relevant industry experience.
- Associate Professor: For consideration at the associate professor rank, applicants must have at least ten years of relevant industry experience (five years in addition to the above) and meet the department, college, and university standards for appointment at the associate professor of practice rank.
- Professor: For consideration at the professor rank, applicants must have at least fifteen years of relevant industry experience (ten years in addition to the above) and meet the

department, college, and university standards for appointment at the professor of practice rank

Preferred Qualifications:

- An advanced degree in a relevant discipline.
- Expertise in one or more of the following curriculum areas: biomanufacturing operations, modeling of biological processes, instrumentation analysis, or innovation development and management in bioprocessing and biomanufacturing.
- Potential for teaching students in biological and biomanufacturing systems.
- A demonstrated track record of building programs or initiatives.
- An ability to collaborate and network across units or organizations.

Department/Program & College Description:

The Department of Agricultural and Biosystems Engineering offers accredited B.S. degree programs in Industrial Technology, Agricultural Systems Technology, Agricultural Engineering, and Biological Systems Engineering, as well as M.S. and Ph.D. programs in Industrial and Agricultural Technology, and M.Eng., M.S., and Ph.D. programs in Agricultural and Biosystems Engineering. Information about undergraduate programs, including curricula, can be found at <https://www.abe.iastate.edu/undergraduate-students/advising-center/>.

Department Unit/Website:

<https://www.abe.iastate.edu/>

Proposed Start Date:

January 1, 2025

Proposed End Date or Length of Term:

December 31, 2027

Number of Months Employed Per Year:

09 Month Work Period

Time Type:

Full time

Application Instructions:

To apply for this position, please click on "Apply" and complete the Employment Application. Applications will be accepted until the position is filled. However, to receive full consideration, applications should be received by November 15, 2024. All interested, qualified persons must apply for this position online at jobs.iastate.edu to Job Requisition Number R15555.

The following documents are required to be submitted in PDF format:

- Letter of application (including information about desired rank) that explicitly discusses how you meet each of the required and preferred qualifications.
- Resume or Curriculum Vitae.
- Contact information for at least three references, including name, title, mailing address, email address, and phone number.

Direct questions about the position to Dr. Chenxu Yu, chenxuyu@iastate.edu, search committee chair.

Other questions about the department, application process or logistics, or hiring policies and practices should be addressed to Cindy Frame, frame@iastate.edu, ABE administrative assistant.

If you have questions regarding this application process, please email employment@iastate.edu or call 515-294-4800 or Toll Free: 1-877-477-7485.

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- Retirement benefits, including defined benefit and defined contribution plans
- Generous leave plans
- Onsite childcare (Ames, Iowa)
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- Flexible Spending Accounts
- Various voluntary benefits and discounts
- Employee Assistance Program
- Wellbeing program

Original Posting Date:

September 23, 2024

Posting Close Date:

November 15, 2024

Job Requisition Number:

R15555

Job Details

Job Requisition ID R15555
Location Ames, IA
Posting Date 09/23/2024 - 1 day ago
Job Family Term Faculty
Time Type Full time
Job Type Regular with Term Appointment (Fixed Term)
Supervisory Organization CALS and COE Agricultural and Biosystems Engineering Department (PM) (Amy Leigh Kaleita)

Hiring Team

Recruiter



Kayla Vinar

Hiring Manager



Amy Leigh Kaleita

Related Links

https://isu.wd1.myworkdayjobs.com/en-US/IowaStateJobs/job/Ames-IA/Professor-of-Practice--Open-Rank--in-Biological-and-Biomanufacturing-Systems-Technology_R15555
We're Hiring for Professor of Practice (Open Rank) in Biological and Biomanufacturing Systems Technology!