

## **Coatings and Polymeric Materials Hiring Plan**

23 August 2019

The **mission** of the department is:

*To be the world leader in education and research on the science of polymer coatings and related materials*

For continued success in achieving this mission depends on the department having high quality, experienced, and exceptional faculty who provide high quality research, education, and outreach to the department and university.

### **Fall 2020: Associate or Full Professor**

Upon Stuart Croll's retirement, a position will be sought for a hire at an advanced rank, with previous experience in either industry or academia. The faculty member will need to be able to teach courses in coatings science, physical chemistry of polymers, and material characterization. The area of research will be open in any field of coatings science and technology including polymer synthesis, functional coatings, smart materials, stimuli-responsive materials, and materials sustainability. This position will be critical in enabling CPM to sustain its track-record in providing education and research in coatings technology. One of the long-term strengths of the department has been in bringing in highly skilled mid-career scientists as faculty members. Faculty members with industry experience bring an important perspective to their teaching and research and have contributed to the long-term success of the department.

### **Pending Funding: Professor of Practice in Color Technology**

An experienced scientist in Color Technology will be hired as Professor of Practice to launch the educational program in Color Technology. The program is proposed to be a professional MS degree program, with the possible addition of a minor at the BS level. There is strong industry demand for trained graduates in this field and there is no other program in the United States; thus, this program will further enhance NDSU's reputation as the leading institution in education and research in Paints and Coatings. External fundraising is underway to generate industry commitments sufficient to launch the program and see it through its first 3-5 years. Request to proceed with the hire will be submitted when sufficient commitments for external support have been reached.

### **Future Hires**

Future hires by the department will be done as needed. Key considerations for future hires will be the ability to contribute to the department's historical mission in coatings science and technology, ability to establish a research program, ability to teach in the topics of the department and broader areas of polymer and materials science.