

you in person this Sunday at the American Institute of Chemists' reception in the San Diego. The next day, Professor **Linda** Danckwerts Lecture, one of the highest honors given by the

They are working on topics such as cell-free systems, condensates, and advancing immunotherapy, sustainable chemicals production, advancing high-throughput screening, and the fundamental physics of non-equilibrium materials.

We have also put into place student workers in the department.

Speaking of students, it is my special honor to congratulate **Maggie O'Connell**, who won the Presidential Fellowship – the highest award for PhD students at Northwestern, and one of only seven this year. Maggie works with Professor **Jennifer Dunn** on holistic architectures for techno-economic assessments, and she continues a rich tradition of winners of the highest recognitions on campus.

Capture Hub (MINDAC) led by Professor Dunn, and the launch of a large new National Science Foundation center on assessing and predicting technology outcomes to help bring technology advances to market more effectively.

The department continues to excel in education, and Professor **Jennifer Cole** was recognized for her Service to Chemical Engineering Education by AIChE. This past September, she was also recognized by Northwestern Engineering with the Cole-Higgins Award (no relation!) for Excellence in Advising.

Finally, please check out the brief biography of **David Hinton** ('95), which discusses how the analytical and systems thinking skills he developed as an undergraduate chemical engineer were parlayed into success as an equity analyst.

The image is a composite of two photographs. On the left, a 3D rendering of a cell is shown against a dark, starry background. The cell has a light-colored, textured surface and a large, dense, pinkish-purple nucleus. On the right, a portrait of Professor Josh Leonard is shown from the chest up. He is a middle-aged man with short brown hair, wearing black-rimmed glasses, a light beard, and a mustache. He is smiling and wearing a dark suit jacket, a white shirt, and a dark tie.

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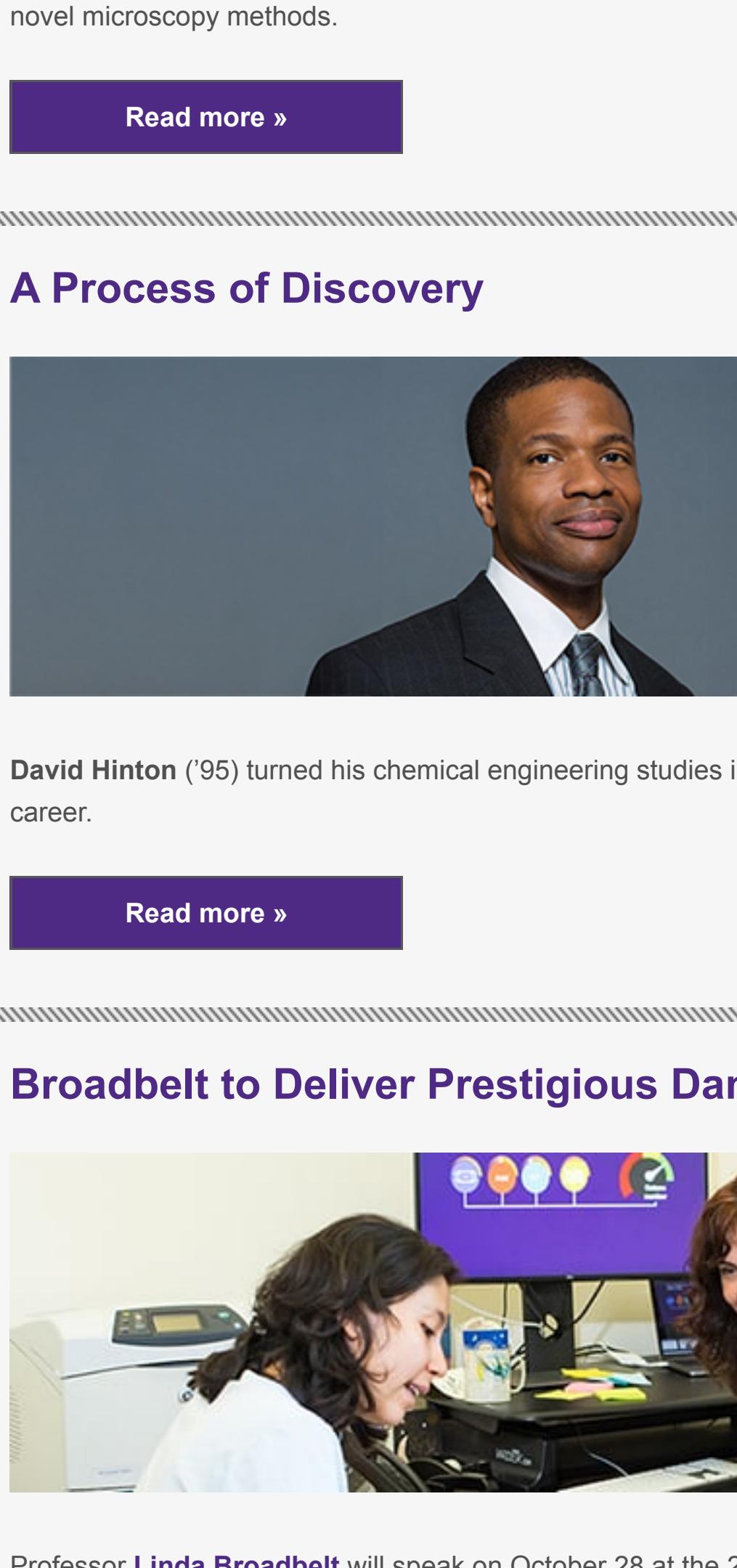
A photograph showing the lower halves of eight people standing in a grassy field. They are dressed in casual clothing, including jeans, shorts, and t-shirts. Some shirts have text on them, such as 'CLASICS' and 'GREEN'. They are standing in a line, facing the camera, with their hands either in their pockets or at their sides.

During a trip to Kenya, Professor **Julius Lucks** tested a device that leverages in vitro synthetic biology advances to diagnose disease in crops before the symptoms are visible. [VIDEO](#)

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Researchers Move Closer to Green Hydrogen via Water Electrolysis

A composite image consisting of two side-by-side photographs. The left photograph is a close-up of several blue, spherical objects, possibly cells or bubbles, against a light blue background. The right photograph is a portrait of a young woman with long, straight brown hair, wearing a dark top and small hoop earrings, smiling at the camera. The background behind her is blurred green foliage.



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With Professor **Jennifer Dunn** as the principal investigator, Northwestern will **lead a US Department of Energy project** that received nearly \$4 million to test the feasibility of direct air capture technologies.

Professor Julio M. Ottino was elected
Biological Engineering's College of



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