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@LuskBrad



# Reflections from Graduate School

Bradley Lusk, PhD

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**Thermophilic Microbial Electrochemical Cells**  
Bradley Lusk

Prithip Paramasathian, Nishag C. P. et al, Bruce E. Rittmann, Cesar J. Torres, Ross Kozminski, Boon-Quan Loh, George Alfah, Alexander Colin, Carlos Alvarado, Alexandra Zecic, Jon Dahlmann, Daniel Bond, Eason Hry, Dhru Dapunt, Hyung Seok Lee, Dai Wook Kang

Swette center for environmental biotechnology

Video player controls: play, next, volume, 16:19 / 1:13:09, CC, HD, full screen, and share icons.

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Bradley Lusk Dissertation Defense: Thermophilic Microbial Electrochemical C  
Bradley Lusk

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Ashwin Atre  
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56:35

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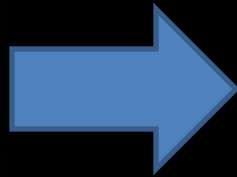
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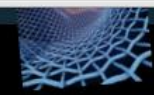
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## No, You're Not an Impostor

By Lucas Laursen | Feb. 15, 2008

When a tenured professor admitted in a panel discussion that she had felt like a fraud as a graduate student, Abigail\* knew exactly what she meant. The professor told the group that she had worried that she'd been let into her graduate program on a fluke and that someday she'd make an error that would blow her cover. She had always believed her peers in graduate school were much smarter despite knowing that she had the best grades of the bunch. "She said that she realized much later that this was completely ridiculous thinking and that

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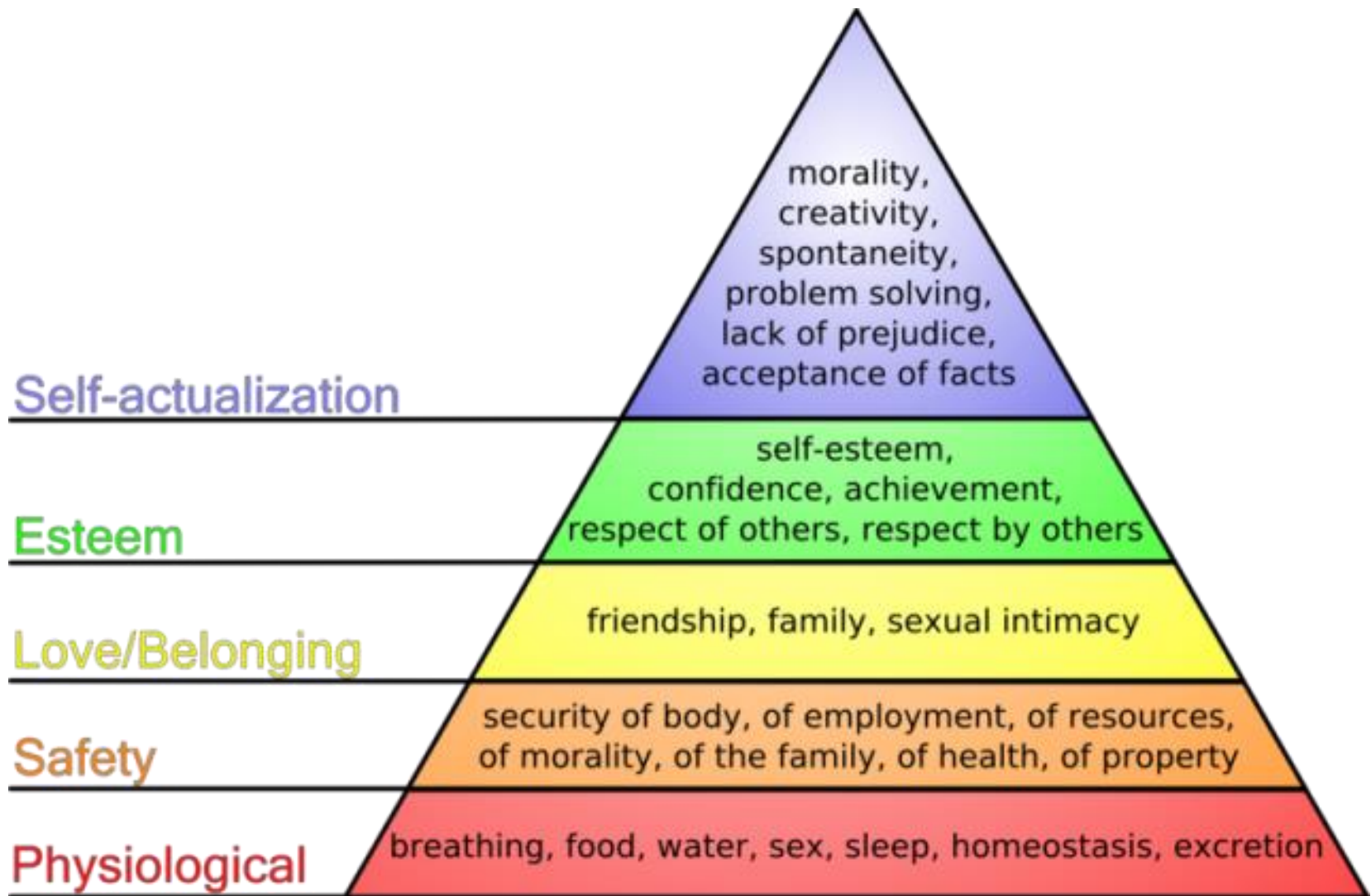
**The M.D.-Ph.D. double agent**  
BY JESSICA W. TSAI | DEC. 10, 2015

**Science made me a better parent**  
BY IGNACIO AMIGO | DEC. 3, 2015

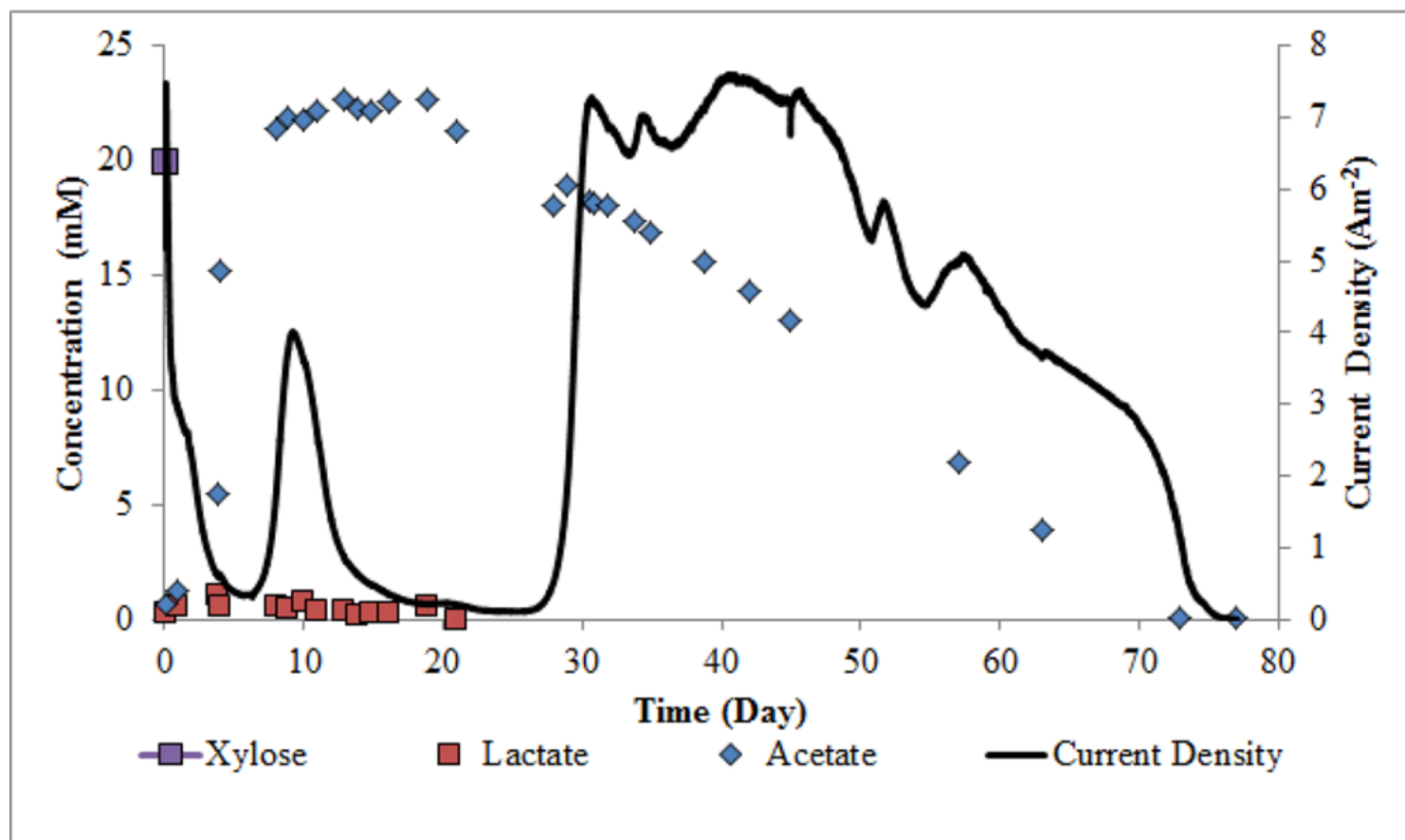
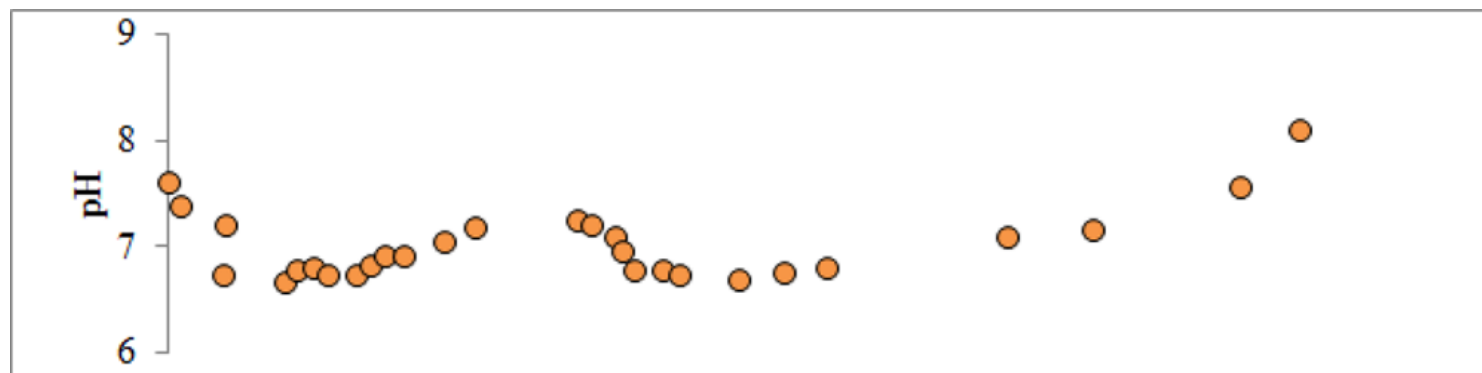
**A scientist goes to kindergarten**  
BY STEPHEN L. LITVIN | FEB. 15, 2008



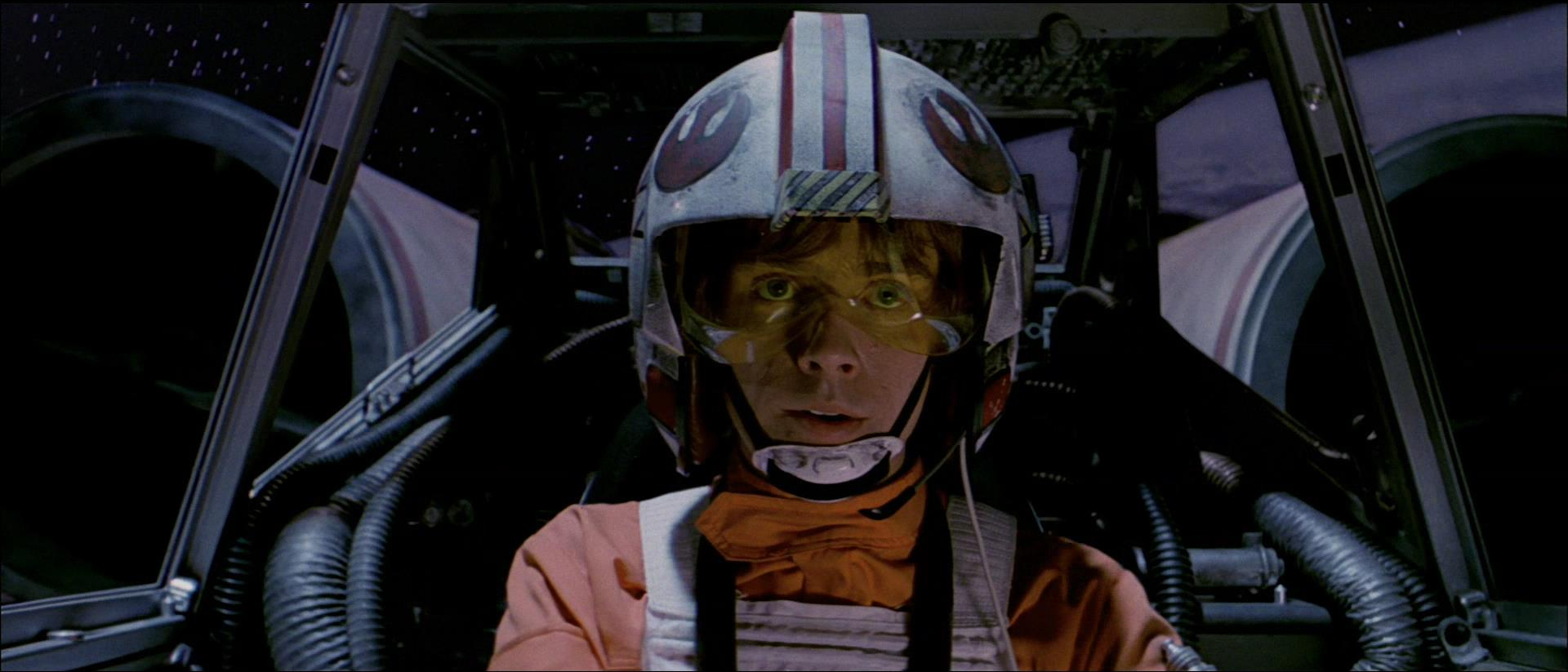




















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### Microbial Ecology of Human Gut

add text

The slide displays a grid of images and diagrams. The top row includes a portrait of a man, a group of people, and a diagram of a human figure with internal organs. The bottom row features a portrait of a man, a large image of a person's face, and a diagram of a human figure with internal organs. The text 'add text' is visible on the slide.

The whiteboard contains handwritten notes and diagrams. The notes include "Lactobacillus", "Bifidobacterium", "Milk", and "Probiotics". There are also diagrams showing a flowchart of a process and a diagram of a human figure with internal organs.

A large poster or presentation board on the right wall. It features a green header, text, and several charts and graphs. The text is in Arabic and appears to be related to a research project or presentation.

## Characterization of Electrical Current-Generation Capabilities from Thermophilic Bacterium *Thermoanaerobacter pseudethanolicus* Using Xylose, Glucose, Cellobiose, or Acetate with Fixed Anode Potentials

Bradley G. Lusk,<sup>\*,||,†</sup> Qaiser Farid Khan,<sup>||,†,‡</sup> Prathap Parameswaran,<sup>†,⊥</sup> Abdul Hameed,<sup>‡</sup> Naeem Ali,<sup>‡</sup> Bruce E. Rittmann,<sup>†</sup> and Cesar I. Torres<sup>\*,†,§</sup>

<sup>†</sup>Swette Center for Environmental Biotechnology, The Biodesign Institute at Arizona State University, P.O. Box 875701, Tempe, Arizona 85287–5701, United States

<sup>‡</sup>Department of Microbiology, Quaid-I-Azam University, Islamabad, 45320, Pakistan

<sup>§</sup>School for Engineering of Matter, Transport and Energy, Arizona State University, 501 E Tyler Mall, Tempe, Arizona 85287, United States











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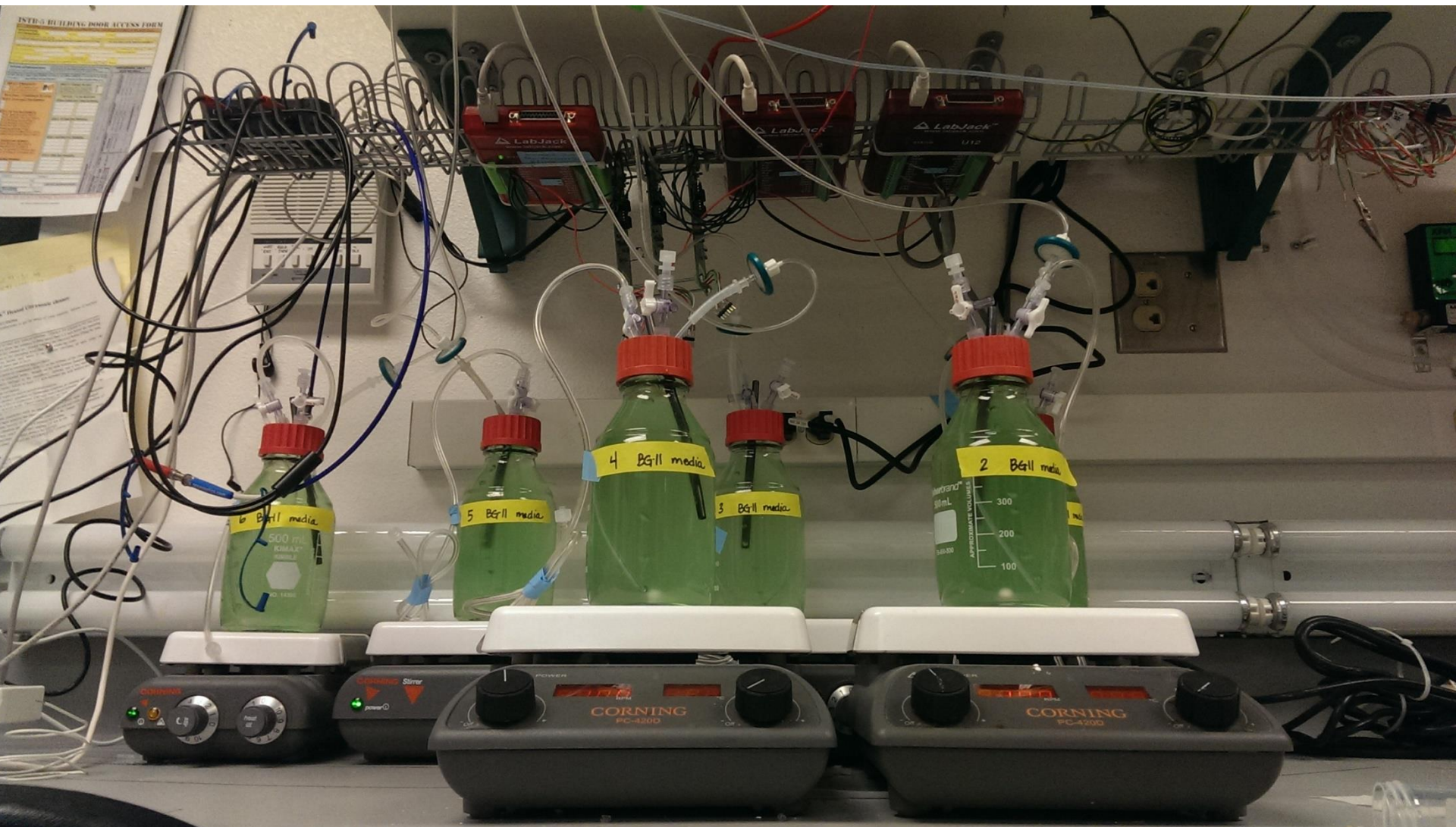


**Few things  
are as sexy as  
a person who's  
passionate  
about something.**

— Colin Wright, [colin.io](https://colin.io)













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Prathap Parameswaran, Sudeep C. Popat,  
Bruce E. Rittmann,  
Cesar I. Torres, Rosa Krajmalnik-Brown,  
Qaiser Farid, Gaurav Albal, Michelle Young  
Alexandra Colin, Carlos Alvarado,  
Alexander Zevin, Jon Badalamenti,  
Daniel Bond, Tyson Bry, Diane Hagner