Packaging Barrier: Replacing PFASs for a job too well done (GCE June 2021 Kaj)
Packaging Barrier: Replacing PFASs for a job too well
Done

• Durability & End of Life

• Barrier Considerations

• How Can We Simplify the Solutions? (wink, wink)
Benign by Design?

John Warner, Paul Anastas Vision to Prevent Regret!
Curious Questions on Sustainable Packaging

• How convenience contributed to our end of life problems?

• Why spend so much resources on short term Packaging & Long lasting chemicals?

• How can Benign by Design Thinking create better end of life solutions?

• What is the ideal blend of nature and need?
Some Packaging Barrier Considerations

• Moisture, Aroma, Oxygen, CO2, Oil/Grease/Surfactants, UV, Hot and Cold.
How do we think about Barrier Requirements?
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How Do we Consider End of Life?

**Best Case?**
- Recycled
- Readily Composts

**Worst Case?**
- Blows away
- Becomes trash
- Leaches or Makes its way to water
- Is burned
How Can we Rethink Barrier Solutions?

Can we Simplify our performance constraints to enable better end of life solutions?
What is the Right Barrier Solution?

• Start with the End of Life in mind & work back to the Right Solution?

• Can we get away with Less Universal Barrier?

• How can we Advance the Solution set to: Benign + Perform?