



HUGH O'DONNELL, Ph.D.

Polymer Consultant

Arris Innovations LLC

PROFILE

Experienced consultant in sustainable materials and sustainability strategies for a changing environment.

Expertise in material-based product / package design, material processing and scale-up.

Process / product troubleshooting and data analysis.

Intellectual property searches for strategic and tactical applications.

Employment history with large Fortune 500 companies spanning chemicals and consumer product industries. Experienced with upstream and downstream efforts as well as program management.

CONTACT

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COMPANY:
Arris Innovations LLC

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EXPERTISE

- Material-based design ideation
- Sustainability Strategy
- IP Strategy
- Translating needs to design options
- Polymer processing
- Polymer characterizations
- Polymeric materials selection
- Data Analysis, GR&R and DOE
- Modeling

EXPERIENCE

Arris Innovations LLC – President & Founder

Sustainability expertise applied to guide companies and connect with partners. IP searching to identify technology trends and key company leaders. Application of material knowledge to new formulations.

Procter & Gamble - Principal Engineer

Created material and processing strategies for products and packaging resulting in packaging film, Swiffer product, Always formed film, Glad Forceflex, and Pantene cap launches. Sustainable material formulations for film and fibers. Twenty-five granted patents. Developments with suppliers across the globe. Open innovations with universities and equipment suppliers.

DuPont - Senior Engineer

Startup of Kevlar commercial plant. Process control for Kevlar polymerization including automatic plant startup design / implementation. Process improvement for Kevlar and nylon fibers.