

Ryan Spies

Manager, Sustainability Strategic Initiatives - Eastman Chemical Company

Philadelphia, PA - Email me on Indeed: [indeed.com/r/Ryan-Spies/26c8aab2c6d1b79c](https://www.indeed.com/r/Ryan-Spies/26c8aab2c6d1b79c)

Authorized to work in the US for any employer

WORK EXPERIENCE

Manager, Sustainability Strategic Initiatives

Eastman Chemical Company - Philadelphia, PA - 2012 to Present

Corporate Sustainability Office

Key Focus Areas and Impact

- Charged with developing, refining and implementing an overarching sustainability strategy at Eastman by leading, partnering and consulting teams across our varied business units and value chains.
- Primary "green building" in-house expert for Eastman's Building and Construction business units. Proactively provide relevant marketplace adoption trends and product requirements to business directors for strategic marketing implementation. Established "green" building expertise through development of Healthy Product Declarations (HPD), Environmental Product Declarations (EPD), management of 3 LEED projects, and active participation in the American Chemistry Council's building and construction value chain committee.
- Serving as the primary sustainability manager to the Integrated Global Supply Chain (IGSC) organization, Energy Management team, Global Procurement team, Global Engineering team, and the Performance Films business unit, with the explicit goal of implementing corporate strategic efforts through the lens of sustainability.
- Overseeing development of Power Purchase Agreements (PPA) with solar PV integrators at two US based sites.
- Directing Eastman's Resource Efficiency (solid waste) program. Developed platform which includes establishing site selection reviews, determining criteria qualifications, evaluating 3rd party certification options, and executing implementation. Result: Pilot site achieved 92% diversion from landfill rate, a 35% YoY improvement, as well as a 38% cost reduction in the program's first year.
- Led conversion of primary operations in Eastern Tennessee to single-stream recycling campus wide. (6000+ employees, 400+ buildings)
- Leading Employee Outreach and Engagement program focused on communicating sustainability initiatives across Eastman by partnering with Corporate Communications, Government Affairs and global Marketing Communications. Methods of outreach include intranet portal development, physical media, site presentations and active on-site engagement programs.
- Primary LEED project manager for new 120ksqft HQ building in Kingsport, TN. Collaborating with architects, builders, project managers and executive level stakeholders to pursue LEED Gold certification. Successfully challenged and won 2 credit interpretation rulings (CIR) through the USGBC.
- Managed LEED certification efforts in Shanghai and Singapore, achieving LEED Gold in both locations in 2014.
- Engage continuously with external stakeholders at the US Green Building Council (USGBC), American Chemistry Council (ACC), Manufacturers Alliance for Productivity & Innovation (MAPI), Net Impact, and Sustainable Brands.

Analyst, Global Business Intelligence

Eastman Chemical Company - St. Louis, MO - 2011 to 2012

Advanced Interlayers Business Unit

Key Focus Areas and Impact

- Managed all market and competitive intelligence related to direct and adjacent global competitors through qualitative and quantitative analysis.
- Analyzed and presented quarterly updates on competitive strategic intent, market share, product pricing, technology development, capacity usage, cost base, and long-term investments through the collection and evaluation of indiscriminate information provided by commercial, technical service and business managers spread across 3 distinct global markets.
- Supported global photovoltaic, auto, and architectural business management teams in development and analysis of complex market models that provide understanding of total market size, product share, competitor growth, and horizon investments.
- Benchmarked sustainability practices of direct competitors manufacturing, distribution and marketing strategies.
- Served end markets including: Solar Photovoltaic (PV), Energy Efficient Architectural Glazing, Green Building, Architectural Hurricane Glazing, Safety Glazing, Automotive Glazing, Automotive Acoustics, and Heads-Up-Display.

MBA Sustainability Intern

Covidien - St. Louis, MO - June 2010 to August 2010

Environment, Health and Safety Division

Key Focus Areas and Impact

- Structured a Renewable Energy Strategic Plan in order to meet short term energy goals using self-generating and purchased alternatives. Explored Renewable Energy Credit market for opportunities at national and global locations.
- Prepared metrics and GRI reporting materials for EHS leadership.
- Developed a sustainability tool based on societal, environmental and economic factors to be used in approval process for new and existing projects. Established a roll-out strategy for the metric in conjunction with Covidien's overall sustainability position for future implementation (FY11). Clarified and documented EHS position statement on LEED and Energy Star requirements for certification.
- Recipient of Covidien's 2010 Summer Intern Scholarship

Project Engineer

Naval Facilities Engineering Command HQ - Department of the Navy - Washington, DC - 2007 to 2009

MPF Utility Boat Program, LARC V Service Life Extension Program - Program Office

Key Focus Areas and Impact

- Managed two naval acquisition projects comprising 76 total craft for use by Naval personnel (Military Beach, Diving and Construction Teams "SEABEES"). Duties consisted of contract negotiations, delivery coordination, technical risk mitigation and financial analysis and design of on-going improvements.
- Reviewed all engineering drawings, technical manuals and maintenance procedures ensuring new designs met MIL-SPEC requirements, fell within budget and fulfilled the desired requirement outlined by the users.
- Served as single point of contact and lead liaison between independent contractors, program managers and naval personnel.
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Mechanical Engineer

Naval Surface Warfare Center - Department of the Navy - Philadelphia, PA - 2005 to 2007

Firefighting, Damage Control and Chem-Bio Defense Branch

Key Focus Areas and Impact

- Provided engineering input on all current and future Navy firefighting systems including Aqueous Film Forming Foam (AFFF), Carbon Dioxide, Heptafluoropropane (HFP), Halon 1301 and seawater systems.

- Inspected Aircraft Carrier USS Dwight D. Eisenhower in conjunction with senior inspectors on the Board of Inspection and Survey (INSURV). Noted 34 separate discrepancies on AFFF firefighting system.
- Lead reviewer of a Small Business Innovation Research (SBIR) grant for all-purpose pipe-patching system.
- Inspected decontamination stations aboard 6 in-service and new production destroyers with INSURV.

EDUCATION

Masters of Business Administration in Strategy and Sustainability

Washington University in St Louis - Olin Business School

2009 to 2011

Bachelor of Science in Mechanical Engineering

Lehigh University - P.C. Rossin College of Engineering & Applied Sciences

2001 to 2005