

1. Name: Gary Lopez Daugherty –
Associate Lecturer, Department of Engineering Technology

CV
2018

2. Education:

Masters Science Industrial Engineering - The University of Toledo, 1973
Bachelor Science Civil Engineering - The University of Toledo, 1972

3. Academic Experience:

University of Toledo, Associate Lecturer, January 2016 – to present, full time
University of Toledo, Lecturer, January 2014- 2016, full time
University of Toledo, Instructor, 2007 – 2014, part time
University of Toledo, Instructor, 1981, part time
Masters Candidate Advisor (2018)

4. Non-Academic experience (industrial, over 35 years)

The City of Toledo – Manager Brownfield Redevelopment (2006-2007)
The Adaris Group Construction Matl. Testing – Vice President, Operations (2004-2005)
Scotts Miracle-Gro - Director, Global Environmental Management (1987 -2005)
Owens Corning - Environmental Engineering and Management (1972-1986)
Libby Owens Ford (1971)
Owens Illinois (1969 -1970)

5. Certifications or Professional Registrations

Hazardous Waste Management (Past)
Certified EHS Professional (Past)
Fraternal Order of the Engineer

6. Current Membership in Professional Organizations

Green Professionals
Sustainable Development Professionals
SMG & Friends

7. Honors and Awards:

Ohio Governor's Award for Leadership in Pollution Prevention (1996)
Scotts – Miracle Gro Intrepid Award (2000)
Scotts – Miracle Gro Directors' Award (1996)
Ohio Chemistry Council Award (1999, 2000, 2001)
Ohio Education Council Award (2000)
NUBIA Man of the Year Award (1985)
The Adaris Group Citizenship Award (2004)
Diversity Champion Recognition – The University of Toledo 2014

8. Service Activities

Conference Leader with the Marcus Evans Group – Great Britain
Board of Directors – The Ohio Manufacturers Association
Board of Directors – The Ohio Chemistry Council
State of Ohio Air Pollution Control Resources Team
State of Ohio Water Pollution Control Resources Board
Lucas County Children Services tutor

9. Publications and Presentations

- How to Survive a Multi-media Audit
- Integrated EHS Management
- Sustainable Development and Sustainability Reporting
- Pollution Prevention Utilizing Process Changes
- Strategic Environmental Planning
- A Guide to Implementing ISO 14001 in the Fertilizer Industry
- Innovative Brownfield Remedial Strategies
- Reduction of VOC Emissions by Heat Sink Dissipation
- Design Engineering Streamlining for the Fabrication of Industrial Ventilation
- How to Negotiate a NPDES Permit
- Adverse Psychological Effects of Right-of-Way Acquisitions & Worker Performance
- Practical Speculative Accumulation
- To Be Re-Blended – A Practical Approach to Eliminating Solid Pesticide Wastes
- Bio-Destruction of Solid Pesticide Wastes to Produce Superior Soil Amendments
- Bio-Destruction of Pesticide Wastes in Process Waste Water Using Cattle Manure
- The Pros and Cons of Behavior Based Health and Safety Management
- Managing Phase Changes in Air Pollution Control Systems
- How to Comply with Federal and State Risk Management Initiatives and Laws
- How to Conduct a Comprehensive Environmental Audit
- How to Comply With the Sarbanes Oxley Act.
- Transparent Environmental Programs
- Ammonia Emissions Reduction from Chemical Reactors Using Carbon Dioxide
- Manufacturing Sequencing to Reduce Pollution at the Source
- Prevention of Wetland Destruction
- Managing a Global Environmental Quality Program
- Practical Selection of Environmental Alternatives Using Kepner Tregoe
- Wetland Remediation Using Practical Strategies
- Storm water minimization techniques
- Practical Approaches in Waste Minimization
- Case Studies in Pollution Prevention
- Developed Facilities Management Course for the CET Department.
- Pollution Prevention continues to be an obscure idea (2017)
- A discussion regarding environmental responsibility (2018)

10. Professional Development

- Kepner Tregoe Training
- Risk Management Training
- Scotts Miracle-Gro Technical Institute Graduate
- Organizational Development
- Human Interaction Laboratory
- Time Management Training
- Self-Differentiation
- Emergency Response Training
- Dale Carnegie – Leadership Training for Managers
- Project Management Institute
- Sustainability Professional
- Clean/Green Opportunity Group
- Sustainable Development – Sustainable International & Sustainability

- Ethics Training (2018)
- HIPAA Update Training (2018)
- FERPA Training (2018)
- Preventing Harassment & Sexual violence training (2018)
- QM Rubric training (2018)