

## Jonathan G. Overly – Biosketch

**East Tennessee Clean Fuels Coalition** – a nonprofit 501(c)3  
Institute for a Secure & Sustainable Environment at the University of Tennessee  
311 Conference Center Building  
Knoxville, TN 37996-4134  
Office – 865-974-3625; fax – 865-974-1838; [jonathan@etcleanfuels.org](mailto:jonathan@etcleanfuels.org)

3105 Sevierville Road  
Maryville, TN 37804  
865-803-7555

**Summary** - Technical expertise within the energy field with energy production, distribution and use, focusing on alternative fuels, idle reduction, energy efficiency, renewable energy sources, resource conservation and the impacts associated with energy production and use, especially air quality impacts. Acumen researching and analyzing alternative fuels and vehicles, and implementing alternative fuels' use in local, regional and multi-state fleets and communities. Spent the last fifteen years building regional collaboratives in the arena of alternative fuel and advanced technology vehicle projects. Experience using Life Cycle Assessment (LCA) to evaluate products spanning current and future vehicles to computer components to individual consumer materials. Additional expertise within the environmental field with general pollution prevention practices; industrial waste management and minimization; air pollution generation, control and abatement; and environmental evaluation tools.

### Education

M.S., Engineering Science/Environmental Engineering, University of Tennessee, Knoxville, TN, May 1997.

B.S., Engineering Science, University of Tennessee, Knoxville, TN, December 1994.

### Employment

11/01 – Present Executive Director, the East Tennessee Clean Fuels Coalition (ETCleanFuels). Founded and run nonprofit, which focuses on getting alternatives to gasoline and diesel (i.e., biodiesel, ethanol, electricity, natural gas, propane) and advanced transportation technologies used by East Tennessee fleets. Spoken to over 4,000 people across Tennessee about the effort and brought together people from over 100 different companies and organizations to regular planning and action meetings to create a groundswell of activity. Created over 10 different teams that work on specific fuels or technologies and furthers their implementation. Has written approximately 50 proposals and put together projects that total over \$8 million. Took less than two years to reach "designated" status with the U.S. DOE Clean Cities program; have maintained that designation since official start with program in October 2004.

1/15 – Present Director, Tennessee Clean Fuels. Oversee operations of both of Tennessee's U.S. DOE Clean Cities programs (including Middle-West coalition) & helped that coalition remain active and grow during a transition period.

3/97 – 12/02 Research Associate, University of Tennessee Center for Clean Products and Clean Technologies. Worked on projects involving the LCA of current and advanced automobiles and its fuels and components, computer displays, lead-free solders and various specific materials and waste streams. One of several members of a design team that created/developed a computerized life-cycle design-based toolkit for use in Center projects. Worked on project with the State of Tennessee to increase energy efficiency of state buildings by developing relationships between service providers and building managers.

7/95 – 3/97 Project Coordinator/Senior Research Assistant, University of Tennessee Industrial Assessment Center (IAC). Coordinated and supervised all Center functions, including client plant visit scheduling, recommendations research, report preparation and editing. Synergized with different teams of students, faculty & plant employees to develop the most beneficial recommendations for each facility.

### Professional Activities

- ▶ Built the Tennessee Workplace Charging Partnership and its associated website ([www.DriveElectricTN.org](http://www.DriveElectricTN.org)) to enable greater adoption of learning about EVs in Tennessee and developing EV charging for and at businesses.
- ▶ Beginning in 2009 and ending in 2014, developed the planet's longest biofuels corridor – I-75. Built partnership that collectively added 31 E85 stations and 9 B20 stations to fill-in gaps along the corridor and make it traversable from Michigan to Florida driving solely on the biofuel of your choice. [www.CleanFuelsCorridor.com](http://www.CleanFuelsCorridor.com)
- ▶ In 2010 and 2011, developed two state-wide partnerships in Tennessee to further the use of natural gas and propane through a collaborative, iterative process. Those partnerships are still at work today.
- ▶ Participant in "The EV Project" for the Knoxville area, helping with the planning and roll-out of EV (electric vehicle) infrastructure and fleet and individuals contacts on selling Nissan Leafs and other EVs into the community.

- ▶ Founded and manage all facets of the production of the **Tennessee Clean Fuels Advisor**, the biannual alt-fuel newsletter for Tennessee. Over 3,000 recipients are on our mailing list from over 20 different states.
- ▶ Coordinate quarterly Clean Cities coalition and fleet manager meetings across the entire state; April 2002 - present.
- ▶ Lead and participate on regional conference calls with regard to specific alt-fuel technologies.
- ▶ Have organized over fifteen biofuel, propane, natural gas and EV workshops or conferences in Tennessee to educate area fleets on using these fuels. Averaged 30-35 with attendances between 15 and 90 people.
- ▶ Founder and editor of the **Fuels Fix**, a quarterly Ezine (published online) an effort of all of the Clean Cities programs across the country and the efforts and actions taking place therein. [www.FuelsFix.com](http://www.FuelsFix.com)
- ▶ Organize annual education and participation events associated with the ETCleanFuels such as Earth Day, "Advance the Choice" and Roadshows where the public is exposed to alternative fuel vehicles (AFVs) and allowed to test-drive them to learn more about them. Spring 2002 - present.
- ▶ Invited moderator for sessions at the 2006 National Biodiesel Conference & Expo and the 2006 and 2009 Alternative Fuels & Vehicles National Conference & Expositions.
- ▶ Member of the Planning Committee, sponsor, participant and workshop emcee for the "Building Alternative Fuel Networks in the Southeast" workshop held in Asheville, NC. Nov. 6-7, 2002.
- ▶ One of about 15 team members that designed and built a life-cycle assessment-based software model entitled "The Life-Cycle Design Toolkit." March 1997 - February 2001.
- ▶ Consultant to DOE Site Manager for K-25 Site "Vision 2010" Reindustrialization Project to develop informational database for analysis of steam use across broad spectrum of manufacturers. Summer 1996.

### Professional Affiliations

- ▶ EPA Region 4's Southeast Diesel Collaborative, Strategic Planning Committee member; 2014-present
- ▶ National Clean Cities Coordinators Council - Co-chair, 2008-2010; Member 2012-2013
- ▶ Transportation Energy Partnership - Board of Directors, 2008-2011; Vice President, 2010-2011
- ▶ University of Tennessee at Knoxville Committee on the Campus Environment - Steering Committee, 2004-2011
- ▶ Southeast Alternative Fuels Task Force - Steering Committee, 2002-2008
- ▶ U.S. Green Building Council, East TN Chapter - Founding Committee, 2003-2008; Treasurer, 2004-2006
- ▶ Tennessee Ozone Early Action Compact Advisory Committee, 2003-2006
- ▶ Early Action Compact (EAC) Implementation in East Tennessee - Planning Committee member, 2003-2005
- ▶ Knoxville Recycling Coalition - President, 2002-2006; Board of Directors, 1995-2006

### Awards

- ▶ 2016 - U.S. EPA Region 4, Southeast Diesel Collaborative Visionary Champion Award
- ▶ 2016 - TN Clean Fuels (both TN coalitions) receive Governor's Environmental Stewardship Award, for Excellence in Clean Air
- ▶ 2015 - Inducted into U.S. DOE Clean Cities Hall of Fame
- ▶ 2015 - ETCleanFuels receives U.S. National Park Service Director's Partnership Award
- ▶ 2011 - U.S. DOE Clean Cities Benjamin Watson Leadership Award
- ▶ 2007 - Air Conservationist of the Year Award from the Tennessee Wildlife Federation & GM Spring Hill Manufacturing
- ▶ 2006/2005 - Blount County Environmental Achievement Award; Tri-Cities Ozone Action Partnership "Ozzie Award"

**Presentations** - Gave or managed staff that gave over 350 presentations over the last fifteen years. Topics include alternative fuels and the associated pros and cons, need for their expanded use, costs and cost benefits, where and how these fuels have been implemented by Tennessee fleets, and creating partnerships towards that implementation. Presentations have been to industrial and commercial clients; state, county and municipal governments; chambers of commerce; nonprofit groups; K-12 and college classes; incubator task forces; federal legislators; and at national conferences and international symposiums. On the order of 300 of those presentations have been to K-12 students at schools where ETCleanFuels has a program focused on student education. In our most successful year (2011-2012), roughly 150 presentations were provided in about eight counties in East Tennessee reaching 10,000+ students.

**Social Media, QR Codes & Websites** - Well versed in the use of many common social media tools including Facebook, Twitter, Instagram, HootSuite, LinkedIn, YouTube, Flickr, SlideShare, Pinterest, wikis and blogs for the purposes of making connections and promoting cleaner and greener efforts. Utilize and have created many QR codes for use in partnerships and projects. Adept at Website design and management. Have designed and built over 30 websites for businesses and nonprofits. Managed a website business in the early '00s and have since consulted with a number of related-field businesses to provide insights on how they can improve their Website and social media tool use.