

## **JOANN ARMENTA – CORRIDOR LEADER**

Coordinator, Clean Cities Program, The Southern California Economic Partnership

21845 E. Copley Dr, Ste 1138, Diamond Bar, CA 91765

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### **Education:**

Bachelors, Business Science and Management, Pepperdine University, Malibu, CA, 2000

Master's, Organizational Leadership, Biola University, La Mirada, CA, 2004

Currently pursuing Ph.D. in Education Leadership and Change, Fielding Graduate University, Santa Barbara, CA

### **Research and Professional Experience:**

2003-present: Coordinator, Clean Program, The Southern California Economic Partnership, Diamond Bar, CA—

The Southern California Economic Partnership (The Partnership) is a non-profit organization whose purpose is social welfare. The Partnership administers the Clean Cities program. The Clean Cities Coordinator's responsibilities and tasks are designed to support the Clean Cities mission to advance energy, economic, and environmental security of the United States by supporting local decisions to adopt practices that reduce the use of petroleum in the transportation sector through the deployment of alternative fueled vehicles, alternative fuels, and the development of the supportive infrastructure. Coordinator activities across the country are implementation and facilitation intensive. The goal is to develop partnerships with local, state, and federal agencies that support industry and stakeholders conduct community outreach, plan education programs, and advise on alternative energy solutions to municipalities and educators. Other activities and responsibilities include: public speaking, environmental education, program and curriculum development, event coordination, membership drives, fund raising, grant writing, and project development and management. The Southern California Clean Cities Coalition region currently serves six counties and 187 cities.

1995-2003: Administrative Assistant, Southern California Association of Governments, Los Angeles, CA—

Southern California Association of Governments (SCAG) is a Metropolitan Planning Organization responsible for Six Counties. SCAG's Officers are elected officials, SCAG is recognized as a region by the federal, state, and local government, because its work is connected to transportation systems, air, water quality, hazardous waste, economic development, jobs, growth patterns, and housing demands.

Responsibilities:

- Prepared and maintained contracts between the agency, and its 16 subregions, and their consultants
- Reviewed scopes of work, time-lines and budgets, as designated in the Overall Work Program
- Prepared Request for Qualifications and Solicitations, and reviewed Proposals
- Assistant the Manager of Human/Program Resources
- Assisted in the development and organizing of the SCAG Central Filing System and Agency Library
- Administrative Secretary to the Chief Operating Officer and to the Executive Director
- Secretary to the Implementation Executive Advisory Committee to SCAG, member include elected officials throughout the Southern California region
- Coordinate meetings and business functions
- Prepare agendas and minutes for management meetings

## **Publications:**

### **Synergistic Activities:**

- Ms. Armenta has given numerous presentations to students and municipalities about environmental education and workforce development opportunities in the renewable energy industries
- As an educator, Ms. Armenta organized a team of graduate students to develop and implement an eight-week curriculum for pre-school children and their guardians called “Tender Motions.” The curriculum was implemented into the “Mommy and Me” and “First 5” pre-school programs in two school districts. Each lesson incorporated unique alternative-learning techniques accompanied by explorative exercises designed to engage children’s guardians as active participants in preparing their children to be passionate about learning in and out of an academic environment.
- Through Ms. Armenta’s experiences working for the advancement of Alternative and Renewable Energy technologies, she has over the years nurtured and developed key partners interested in supporting her newly formed non-profit organization, Purpose Focused Alternative Learning Corporation. Purpose Focused supports the implementation of Federal, State, Regional, and Local government renewable energy and alternative vehicle and re-fueling infrastructure projects.

### **Professional Memberships & Activities:**

- California Adult Education Teaching Credentials
- As coordinator for the largest Clean Cities Coalition in the nation, Ms. Armenta has been part of many national planning committees and is currently serving on the Coordinator Advisory Committee to the Department of Energy, representing the Western region
- National Alternative Fuels Vehicles Conference - AFVI
- Environmental Youth Leadership Conference – Calif. Regional Environmental Education Community
- National Odyssey Day Events - West Virginia University
- Energy Independence Days – Transportation Energy Partnership Washington DC
- Climate Communities – Washington DC
- Department of Labor – Washington DC
- Coordination of Congressional Leadership Visits - Washington DC
- Energy and Environment Committee SCAG (MPO) Local Governments – 187 Cities 6 Counties
- Multi-state Clean Cities Education Consortium
- Nationwide Clean Cities Green I-40 Corridor
- Western Regional Clean Cities Annual Conference
- League of California Cities
- Border Energy Forum
- Border Governors
- US Hispanic Chamber of Commerce
- EPA Border 2012

## **FRANK BURCHAM – CORRIDOR LEADER**

State Coordinator and Executive Director, Land of Enchantment Clean Cities Coalition  
11621 San Antonio Drive, NE, Albuquerque, New Mexico 87122-2437  
Phone: (505) 856-8585; Fax: (505) 856-5904; E-mail: frank.burcham@comcast.net

### **Education:**

BS, Mechanical Engineering, University of New Mexico; Albuquerque, NM, 1972  
Graduate School, Department of Architecture. University of New Mexico; Albuquerque, NM, 1974  
MS, Systems Management, University of Southern California; Los Angeles, CA, 1979

### **Research and Professional Experience:**

2003-Present: State Coordinator and Executive Director, Land of Enchantment Clean Cities Coalition, Albuquerque, NM—

Mr. Burcham is a founding member of the Coalition as DOE's 11th designated Clean City Community in 1994. He was on the Board of Director from 1994 to 1997 and from 2001 to present. Under the Coalition's re-designation efforts, he expanded it to include the entire state of New Mexico.

1996-Present: President and CEO, Burcham & Associates, Albuquerque, NM—

Created non-profit Alternative Fuels Vehicle Network (AFVN) to promote and expand the use of clean alternative transportation fuels in the state. Helped the State of New Mexico develop an Alternative Fuels Utilization Plan for its fleet. Assisted in the placement of biofuel stations in Albuquerque, Santa Fe, Nambe Pueblo and Truth or Consequences.

1996-2003: National Sales Manager, Electric Power Research Institute, Palo Alto, CA---

Created power delivery service program for Independent System Operators and Regional Transmission Organizations. Worked with utilities to utilize new technologies to improve their power delivery efficiency and operation along with distributed generation interface.

1980-1996: Energy Services Manager, Rate Department, Commercial and Industrial Market Development, Customer Service, and Energy Auditor, Public Service Company of New Mexico, Albuquerque, NM---

Directed natural gas vehicle program including installation of stations and conversion of vehicles.

1974-1980: United States Air Force (Vietnam War Veteran) Captain/Navigator C-141A

### **Synergistic Activities:**

- Department of Energy National Clean Cities Coalition
- Association of Energy Engineers (National and State)
- City of Albuquerque Energy Council

### **Professional Memberships & Activities:**

- City of Albuquerque Climate Action Task Force
- City of Albuquerque 21st Century Transportation Task Force
- City of Albuquerque Energy Council (Past President and Current Member)
- City of Albuquerque Alternative Fuels Committee
- State of New Mexico Alternative Fuels Manager Working Group (Founding Member and Current Member)
- State of New Mexico Biofuels Task Force
- Association of Energy Engineers (CEM, CSDP, CDSM and CSM certification)
- State Hydrogen Technology Partnership

**MARY-JO ROWAN – CORRIDOR LEADER**

Program Manager, Transportation and Alternative Fuels Programs, TX State Energy Conservation Office  
111 East 17<sup>th</sup> Street, #1114, Austin, Texas 78701  
Phone: (512) 463-2637; Fax: (512) 475-2569; E-mail: mary-jo.rowan@cpa.state.tx.us

**Education:**

BS from the University of Texas  
Certification of Paralegal Studies with specialty in Administrative Law from the University of Texas

**Research and Professional Experience:**

1991-present: Program Manager, Transportation and Alternative Fuels Programs, TX State Energy Conservation Office—

Ms. Rowan’s initiatives include development, implementation and oversight of transportation and alternative fuels projects that promote energy efficiency. Ms. Rowan is a Certified Texas Contract Manager, a Certified Paralegal, Texas State Purchasing Agent and Grant Writer. Her focus is technical grant writing and project implementation with concentration on sustainability. Ms. Rowan oversees the Department of Energy’s Clean Cities Program in 9 Texas Cities and Regions. Ms. Rowan’s other functions include project analysis and monitoring as well as budget development and energy efficiency outreach presentations and grant writing seminars.

**Publications:**

**Synergistic Activities:**

**Professional Memberships & Activities:**

**YVONNE E. ANDERSON – CORRIDOR LEADER**

Regional Clean Cities Program Manager, Association of Central Oklahoma Governments  
21 E. Main Street, Suite 100, Oklahoma City, OK 73104-2405  
Phone: (405) 234-2264; Fax: (405) 234-2200; E-mail: yanderson@acogok.org

**Education:**

BA, Journalism; Minor: Public Relations, University of Central Oklahoma, Edmond, Oklahoma, 1997  
Post-graduate coursework, MBA Marketing program, University of Central Oklahoma, Edmond,  
Oklahoma, 1998

Public Relations Society of America leadership and development conferences, professional seminars, and  
annual regional and national PRSA conferences.

**Research and Professional Experience:**

1998-present: Regional Clean Cities Program Manager, Association of Central Oklahoma Governments,  
Oklahoma City, OK—

Design and execute annual work plan for direction of the Central Oklahoma Clean Cities Program  
and Coalition, a regional U.S. Department of Energy grassroots initiative to reduce dependence  
on imported petroleum in the transportation sector; maintain program and coalition vitality  
through recruiting and retaining community stakeholders to implement long-range program goals  
at the local level; secure annual grant funding to implement program plan, projects and activities;  
understand legal and regulatory environments that affect the program, as well as government  
programs including laws, regulatory mandates and grant programs; oversee the status of  
legislation and regulations affecting the attainment of program goals and conducting legislative  
educational activities at state and national levels; communicate federal and state legislation and  
regulations to stakeholders and other interested parties; serve as the regional spokesperson for the  
Central Oklahoma Clean Cities Program; generate news releases, media and information kits,  
Web site copy, radio scripts, speeches, and presentations; plan and coordinate special events,  
public education campaigns, bi-monthly meetings, and all out-reach activities of the Central  
Oklahoma Clean Cities Program and coalition stakeholders; serve as the primary regional  
resource for program and technical information for local governments, elected and appointed  
officials, business leaders, community and civic organizations, the media, coalition stakeholders,  
and industry vendors.

1997-1998: Public Relations Director, Arkansas-Oklahoma Divisional Headquarters, The Salvation  
Army, Oklahoma City, OK—

Responsible for planning and coordinating public relations efforts for The Salvation Army  
throughout Oklahoma and Arkansas; managed and administered the Public Relations  
departmental budget; served as public relations and community relations advisor to 36 Salvation  
Army corps.

1996-1997: News and Photo Editor, *The Oklahoma City Friday*, Oklahoma City, OK—

Generated and produced editorial content of weekly, 26-30 page broadsheet covering suburban  
northwest Oklahoma City with a circulation 25,000; responsible for news reporting, feature  
writing, photography, film development and photo editing, page layout and design.

**Publications:**

D. Terry, R. Nelson, Y. Anderson, G. Parker, B. Graham, G. Sverdrup, J. Boesel, et al. "Transportation  
Fuels for the Future," Western Governors' Association, February 2008.  
<http://www.westgov.org/wga/publicat/TransFuels08.pdf> .

Yvonne Anderson. 1998 to present. Extensive local media portfolio of published news releases,  
television/radio coverage of Central Oklahoma Clean Cities activities and stakeholder activities,  
and public relations/advertising campaigns available upon request.

**Synergistic Activities:**

- Led Central Oklahoma Clean Cities Coalition through five-year U.S. Department of Energy re-designation processes (2006 and 2001)
- Led Central Oklahoma Clean Cities Coalition through successful bid to host 2002 U.S. Department of Energy National Clean Cities Conference
- Served on planning committee and as a panel moderator for the annual Oklahoma Biofuels Conference, sponsored by the Office of the Oklahoma Secretary of Energy (2008, 2007, 2006)
- Appointed (in 2007) to serve on the Western Governors' Advisory Committee on Transportation Fuels of the Future by the Oklahoma Secretary of Energy

**Professional Memberships & Activities:**

- 2006 – Recipient National Clean Cities Coordinator Excellence Award, National Ethanol Vehicle Coalition/U.S. Department of Energy
- 2004 – Recipient Dallas Region Clean Cities Coalition Excellence Award, U.S. Department of Energy
- 2004 – Recipient PRSA Upper Case Award for Public Service Campaigns, Clean Cities Campaign, Oklahoma City Chapter PRSA
- 2003 – Recipient National Clean Cities Madison Avenue Award for Outstanding Public Outreach, U.S. Department of Energy
- 2002 – Recipient PRSA Honorable Mention for Audio, Rideshare Radio Campaign, Oklahoma City Chapter PRSA
- 2001 – Recipient National Clean Cities Madison Avenue Award for Outstanding Public Outreach, U.S. Department of Energy
- Public Relations Society of America - National affiliation 1997-2005; local affiliation 1997-present; Oklahoma City Chapter President 2003; Oklahoma City Chapter Board of Directors 2001-2004

**KAREN MCSPADDEN – CORRIDOR LEADER**

Program Officer, Winrock International (Arkansas Clean Cities/Clean Transportation Partnership)  
700 W. Research Center Blvd., Suite #1003B, Fayetteville, AR 72701  
Phone: (479) 575-5488; E-mail: kmcspadden@winrock.org

**Education:**

BS, Chemical Engineering, University of Arkansas, Fayetteville, 1991  
European Summer School for Advanced Management, Aarhus School of Business, Denmark, 2007  
MBA, University of Arkansas, Fayetteville, 2008

**Research and Professional Experience:**

2006-present: Program Officer, US Programs, Winrock International  
As Program Officer for Environmental and Social Sustainability, Enterprise and Agriculture at Winrock International, Ms. McSpadden is responsible for managing corporate environmental and social responsibility projects, conducting product life cycle assessments and carbon footprints, and building capacity for value chain development in the food and agriculture sector.

2007: MBA Intern/Graduate Assistant, Corporate Strategy & Development Tyson Foods, Inc.  
Analyzed by-product/waste stream of production facilities; researched ways to produce renewable energy from by-products; assessed financial viability of renewable energy business opportunities.

2005-2007: Project Engineer, Engineering, Compliance & Construction, Inc. (ECCI)  
Delivered environmental planning and permitting services; led non-regulatory environmental projects with poultry industry and nonprofit organizations; wrote project proposals and managed project budgets

1999-2002: Program Specialist, National Center for Appropriate Technology (NCAT)  
Coordinated national campaign for Mississippi River basin and Gulf of Mexico; promoted public education initiative involving nonprofits, farmers, elected officials and public agencies; managed project staff of five; researched biofuels and energy issues for national sustainable agriculture program

1997-1998: Office Manager, New Market Naturals  
Designed bookkeeping system; managed accounts receivable/payable, customer support, product shipping; designed and placed print advertising

1996: Research Assistant, Institute for Local Self-Reliance  
Promoted innovation in plant-based products such as bio-chemicals, biofuels and alternative fibers; conducted feasibility assessments, financing options and technical assistance for new ventures

1994-1995: Environmental Engineer, FTN Associates, Ltd.  
Prepared air permit applications, permit negotiations and related technical services; delivered regulatory and permitting guidance to clients; developed project proposals

1992-1994: Air Permit Engineer, Arkansas Department of Environmental Quality  
Reviewed air permit applications; wrote and issued air permits; provided technical assistance and guidance to permittees; conducted field inspections and performed computer-aided air dispersion modeling; experience with wide variety of industries, including wood products, poultry, chemical and aerospace

1992: Environmental Scientist, Das Baugrund Institut, Gießen, Germany  
Conducted groundwater and soil remediation studies and water quality testing for this groundwater pollution remediation firm.

**Publications:**

**Synergistic Activities:**

- Currently working as part of a Winrock International team inventorying and assessing global biofuel sustainability standards

**Professional Memberships & Activities:**

- Founding trustee and active member of the nonprofit Illinois River Watershed Partnership, which quickly achieved diverse stakeholder engagement and improved water quality.
- American Solar Energy Society

## **DAVID PELTON – CORRIDOR LEADER**

Executive Director, Clean Cities of Middle Tennessee (CCMT)

PO Box 41831, Nashville, Tennessee 37204

Phone: (615) 253-1952; E-mail: davepelton@tennesseecleanfuels.org

### **Education:**

BA, English, Principia College, Elmhurst, IL, 1989

BA, Education, Principia College, Elmhurst, IL, 1989

Secondary Education Credential, State of Illinois, 1989

### **Research and Professional Experience:**

2001-present: President, Trust for the Future (houses CCMT), Nashville, Tennessee

Responsible for daily operations and projects dedicated to improving energy and environmental policy and practice. Accountable for budget and staff oversight, grant procurement, project deployment, media relations, public policy and development. The position reports to a board of directors. Responsibilities: oversee all renewable energy and environmental projects; build corporate and foundation partnerships; 20% average annual growth; oversee development of the award winning documentary film Kilowatt Ours; foster relationships with federal, state and local agencies and elected officials; testify before senate and house committees on energy and environmental legislation; produce educational material including the film “Demanding Choice: The economic and environmental impact of bio-fuels,” and other legislative, corporate and classroom tools; organize workshops and conferences on energy and environmental issues; dozens of public speaking and guest lecturing engagements.

2007: Co-Founder, Carbon Impact Foundation

Carbon Impact Foundation (CIF) is a carbon offset and renewable energy investment organization. CIF helps corporations, organizations and individuals offset their environmental impact through investment in renewable technologies and local carbon reducing action.

2003: Coordinator, West Tennessee Clean Cities Coalition

Worked from the successful middle Tennessee model to bring the Clean Cities mission to west Tennessee; worked with the Tennessee State Energy Office and U.S DOE to secure funding for alternative fuel and energy efficient transportation projects; coordinated with local, state and national companies, agencies and community organizations to create a coalition of renewable energy and alternative fuel professionals

2000: Founder, Clean Cities of Middle Tennessee

The clean cities mission is to displace petroleum with clean, domestic alternatives including bio-fuels, electric and hybrid technology, hydrogen, conservation and updated public policies. Worked with the U.S DOE to develop the first Clean Cities program in Tennessee; installed over 20 alternative fuel pumps, including Tennessee’s first public ethanol pump; worked with energy offices of four states to develop the longest alternative fuel refueling corridor in the nation along I-65 from Indiana to Alabama; helped displace millions of gallons of petroleum; secured over \$500,000 in grants, including a \$200,000 federal grant to purchase the first hybrid transit bus in Tennessee

1996-Present: Consulting:

Areas: Environmental and Economic Sustainability; Transportation Management and Environmental Impact; Media Consulting, Production and Management; Grant and Charitable Gift Procurement

1990-1996 Olympic Training

After becoming an NCAA All-American in the Decathlon I was invited to train with the top Olympic Decathlon Coach in the nation in Santa Barbara, CA. Competed nationally and

internationally for the Santa Barbara Track Club. Represented the United States at competitions in France, Belgium, Holland, Germany, Switzerland, and across America.

**Publications:**

**Synergistic Activities:**

- Keynote and guest lecturing: Farm Bureau Annual Meeting, Brentwood, TN; Southeast Governor's Conference on Alternative Fuels, Asheville, NC; National Clean Cities Conference, Palm Springs, CA; Middle Tennessee State University, Murfreesboro, TN; Belmont University, Nashville, TN; University School of Nashville, Nashville, TN; Telluride Unplugged, Telluride, CO; Business Leadership Forum, Nashville, TN; School Bus Operators Annual Meeting, Pigeon Forge, TN; dozens of Television and Radio appearances
- 10 years renewable energy experience across public, private, and independent sectors.
- 15 years partnership building experience between businesses, government entities and NGO's.
- Broad skill set with strong communications ability and international experience.
- Strong track record of project implementation and success using knowledge of business, understanding of energy and environmental issues and experience in media and public relations.
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**Professional Memberships & Activities:**

- Mayor's Green Ribbon Commission
- Rotary International
- Screen Actors Guild
- Clean Air Partnership
- YMCA

## **JONATHAN G. OVERLY – PROJECT COORDINATOR AND CORRIDOR LEADER**

Executive Director, East Tennessee Clean Fuels Coalition (ETCFC)  
The University of Tennessee/Institute for a Secure and Sustainable Environment  
311 Conference Center Building, Knoxville, TN 37996-4134  
Phone: (865) 974-3625; Fax: (865) 974-1838; E-mail: jgoverly@utk.edu

### **Education:**

M.S., Engineering Science, University of Tennessee, Knoxville, TN, 1997. All coursework taken while attaining Masters Degree was within the Environmental Engineering department  
B.S., Engineering Science, University of Tennessee, Knoxville, TN, 1994.

### **Research and Professional Experience:**

2002-present: Executive Director, East Tennessee Clean Fuels Coalition (ETCFC), Knoxville, TN  
Mr. Overly founded and runs the ETCFC, which focuses on using alternatives to gasoline and diesel (i.e., biodiesel, ethanol, electricity, hydrogen, natural gas, propane) in East Tennessee in the transportation sector. He has spoken to over 3,000 people across East Tennessee about the effort and brought together people from over 100 different companies and organizations to monthly planning and action meetings to create a groundswell of activity in building alternative fuel and hybrid use in the area. He built a business plan for the ETCFC, which has achieved fiscal sustainability. ETCFC succeeded in becoming a designated participant in the U.S. DOE Clean Cities program, reaching designated status in January 2004. Mr. Overly won national Coordinator of the Year award in 2006.

1997-2002: Research Associate, University of Tennessee Center for Clean Products and Clean Technologies, Knoxville, TN  
While at CCPCT, Mr. Overly worked on projects involving the life-cycle assessment of current and advanced automobiles, automobile components, computer displays, lead-free solders and various specific materials and waste streams. Mr. Overly was one of several members of a design team that created/developed a computerized life-cycle design-based toolkit for use in Center projects. He also worked on project with the State of Tennessee to increase the energy efficiency of state buildings through energy assessments and developing relationships between service providers and building managers.

1995-1997: Project Coordinator/Senior Research Assistant, University of Tennessee Industrial Assessment Center (IAC), Knoxville, TN  
Mr. Overly coordinated and supervised all Center functions, including client plant visit scheduling, recommendations research and report preparation and editing. He also synergized with different teams of students, faculty, and plant employees to develop the most beneficial recommendations for each facility.

### **Publications:**

Overly, Jonathan. 2007. "Biofuels Use Growing in the Upper Cumberland," *Cumberland Business Journal*, February, Issue 26.

Overly, Jonathan. 2004. "Alternative Fuels: Moving Tennessee in the Right Direction and Improving the State's Air Quality One Fleet at a Time," *The Tennessee Conservationist*, July/August, Vol. LXX, No. 4.

Overly, Jonathan. 2004. "Petroleum versus a Renewable Choice - Ethanol," *The Hellbender Press, East Tennessee's Environmental Journal*, June/July, Vol. 6, Issue 4.

Overly, Jonathan. 2003. "Biodiesel for East Tennessee," *The Hellbender Press, East Tennessee's Environmental Journal*, October/November, Vol. 5, Issue 5.

Overly, Jonathan. 2002. "Viewpoint: If we want Clean Cities, We must End our Reliance on Oil," *EVs in Transit*, Autumn.

### **Synergistic Activities:**

- Have organized ten biofuel workshops for East Tennessee over the last five years to educate area fleets to get them using biodiesel and ethanol blends. Averaged 30-35 with attendances between 20 and 60 people. Organize annual education and participation events associated with the ETCFC such as Earth Day and “Advance the Choice” events where the public is exposed to alternative fuel vehicles (AFVs) and allowed to test drive them to learn more about them.
- Founded and manage all facets of the production of two publications: the *Tennessee Clean Fuels Advisor* hard copy quarterly newsletter (that has 2,500 recipients in 18 states) and the *Southeastern Fuels Fix Ezine*, which is a quarterly publication by Clean Cities coordinators in the southeast that relays actions that are taking place in our region to reduce petroleum consumption.
- Member of the Planning Committee, sponsor, participant, and workshop emcee for the “Building Alternative Fuel Networks in the Southeast” workshop held in Asheville, NC on Nov. 6-7, 2002.
- Mr. Overly has given (or managed staff that gave) over 200 presentations over the last five years (53 in 2006 alone) on alternative fuels, the need for their expanded use, their pros and cons, the costs and cost benefits associated with their use and where and how these fuels have been implemented in East Tennessee. Presentations have been to industrial clients, nonprofit groups, county and municipal governments, chambers of commerce, K-12 and college classes, incubator task forces, state park groups, state departments, federal legislators, and at national conferences and international symposiums.

### **Professional Memberships & Activities:**

- National Clean Cities Coordinators Council – Member and Co-chair, 2008-present
- Transportation Energy Partnership – Board of Directors, 2008-present
- Southeast Alternative Fuels Task Force – Steering Committee, 2002-present
- Regional Clean Air Coalition (Knox and 8 surrounding counties) – Steering Committee, 2003-present
- Tennessee Ozone Early Action Compact Advisory Committee, 2003-present
- Committee on the Campus Environment, University of TN, Knoxville. – Steering Committee

## **JOSEPH O'NEILL – CORRIDOR LEADER**

Transportation Program Specialist, NC Solar Center at NC State University  
Campus Box 7401, Raleigh, NC 27695-7401  
Phone: (919) 513-0852; E-mail: joseph\_oneill@ncsu.edu

### **Education:**

BS, Marketing management, St. Joseph's University; Philadelphia, PA, 1978

### **Research and Professional Experience:**

- 2008-present: Transportation Program Specialist, NC Solar Center at NC State University—  
Solar Center Transportation Program facilitates the practical implementation of alternate fuel and advanced vehicle technology in North Carolina. The program collaborates with government, non-profits, and businesses to improve air quality and energy security by diversifying fuel supplies. They encourage adoption of petroleum fuel displacement initiatives while promoting economic development utilizing local resources and cleaner technologies. Supporting education and outreach on biodiesel, ethanol, natural gas, propane, electrified transportation, and emissions reduction technology through presentations, meetings, and maintaining [www.cleantransportation.org](http://www.cleantransportation.org).
- 2007: Southern States Imports, Raleigh, NC—  
Recruited from the former # 1 Subaru dealer in the area to help them regain their sales standing. Accomplished this goal within first month.
- 2006: Performance Auto Mall; Chapel Hill NC—  
Certified client rep for Subaru, Chevrolet, and BMW automobiles. Ranked #2 in Subaru district for sales
- 2005: Service Energy/ Poore's Propane—  
Mr. O'Neill was recruited (from NC) for newly formed field sales, first customer contact position. Followed leads for fuel oil and propane sales in Delaware and eastern shore Maryland. Created and maintained customer contact database. Solicited new business from existing accounts.
- 2000-2005: Utiliquist (at that time, a division of ENRON)—  
Underground utility line locators: with an eye toward advancing in management, joined the locating team handling their first major (telephone) account in Delaware.
- 2000-2005: Dover VW, Audi; Winner Dover Auto Mall; Willis GM auto mall—  
Small, medium and large auto retailers in the Delaware market- with an eye toward the emergence of viable alternate fueled or hybrid (gasoline/ electric) vehicles, Mr. O'Neill sold vehicles. He is certified on his technical knowledge of several brands; also certified e-commerce manager for GM products
- 1999-2000: New York Life Insurance Company—  
The country's largest life insurance company: agent for life, health and disability insurance in Delaware and Pennsylvania
- 1979-1999: Philadelphia Gas Works—  
The largest municipally owned utility in the country. In a Marketing and Sales career that spanned 20 years, Mr. O'Neill held a number of management positions at PGW; they included: Appliance Sales Supervisor; Commercial Account representative, Industrial Account Rep, Major account Rep; Compressed Natural Gas representative.

### **Publications:**

Maintain & edit [www.cleantransportation.org](http://www.cleantransportation.org)—the website for the Transportation program of the NC Solar Center at NC State University

**Synergistic Activities:** Participant in the following:

- NC Mobile CARE- statewide organization advancing renewable energy and clean air technology- comprised of fleet operators, technology and fuel providers, concerned citizens.
- Triangle Clean Cities - RTP area coalition of public and private fleet users promoting alternate fuel and advanced vehicle technology to reduce emissions and our dependency on imported oil.
- NC Alternative Fuels Consortium: focus on government fleet implementation of alternative fuels and advanced vehicle technology to best meet mandates of Clean Air Act and NC Petroleum Displacement Plan
- Compile and submit annual report on progress of the North Carolina Petroleum Displacement Plan- summarizing the state's progress in meeting Session Law 2005-276 State Budget Provision 19.5 to achieve displacement of petroleum consumption in state fleet.

**Professional Memberships & Activities:**

- Elected to Board of Directors of Greater Philadelphia Clean Cities Coalition, an award winning non-profit group promoting the use of alternate vehicle fuels
- Created and delivered presentation for Transit authority on aspects of using CNG (compressed Natural Gas) as fleet vehicle fuel. Appeared on Ford Star TV to explain utility/ auto company relationship needed for CNG sales

**Knowledge and Expertise:**

- Wide knowledge of natural gas, its production, distribution, transportation, metering, and end use.
- Expert knowledge of most residential and commercial gas fired equipment including; cooking, heating, domestic and process hot water production, steam boilers, compressors, electric generation equipment, steam absorption and direct fired gas Air conditioning systems, ice storage air conditioning systems
- Wide knowledge of automobiles, light and heavy-duty trucks and off road vehicles, fundamental aspects of their construction, operation and applications.
- Particularly knowledgeable about alternate fuel for vehicle use including: Compressed Natural Gas (CNG), Liquefied Natural Gas (LNG), Propane, Bio-Diesel; battery-powered electric, and hybrid gas/ electric; knowledge of hydrogen fuel cell technology

## **KATHERINE S. BOYER – CORRIDOR LEADER**

Sustainable Energy and Environment Coordinator, Triangle J Council of Governments and Triangle Clean Cities Coalition

P O Box 12276, Research Triangle Park, NC 27709

Phone: (919) 558-9400; Fax: (919) 549-9390; E-mail: Kboyer@tjcog.org

### **Education:**

Master of Environmental Management, Nicholas School of the Environment, Duke University, Durham, NC, 2001

BS, Biology and Environmental Science, College of William and Mary, Williamsburg, VA, 2000

### **Research and Professional Experience:**

2008-present: Sustainable Energy and Environment Coordinator, Triangle J Council of Governments, Research Triangle Park, NC—

As Project Coordinator for Energy and Environment, Ms. Boyer manages two programs to reduce oil dependency and improve air quality. She oversees project development and evaluation, budget preparation and tracking, stakeholder services, public and media relations, and grant management.

- Triangle Clean Cities Coalition: Promotes idle reduction and alternative transportation fuels in the region by forming policy and legislative agendas, developing and managing grants and budgets, creating and implementing media campaign. Works with a diversity of public and private stakeholders to implement regional alternative energy and idle reduction projects. Manages over \$500,000 in grant funds for alternative fuels infrastructure, vehicles, and fuel.
- Triangle Transportation Demand Management: Administers nearly \$3 million in transportation demand management grants to local and regional transportation agencies. Conducts evaluation and monitoring activities to measure the effectiveness of TDM programs.

2001-2008: Project Leader/Environmental Scientist, EC/R Incorporated—

Served as project leader to coordinate policy discussion forums, technical meetings, and workshops between industry, government, and environmental groups on issues such as mobile source low-sulfur diesel fuel and retrofit technology, multi-state air quality management plans, and innovative technologies to improve air quality; supported projects to estimate emissions and recommend control technologies for mobile, stationary, and area source air pollution sources that contribute to regional haze. Examples include the prepared feed manufacturing sector, institutional/commercial/ industrial boilers, and on-road heavy-duty diesel trucks; developed expertise in creating web-based outreach and education materials for communities to reduce toxic air pollution.

### **Publications:**

W. Battye and K. Boyer. 2007. Inter-RPO 2002 National Wildfire Emission Inventory. Prepared by Air Sciences Inc. and EC/R Incorporated for the WRAP.

[http://www.wrapair.org/forums/fejfd/documents/task7/InterRPO\\_02WildFire\\_EI/Inter-RPO\\_2002\\_WF\\_EI%20Report\\_rev\\_20070515.pdf](http://www.wrapair.org/forums/fejfd/documents/task7/InterRPO_02WildFire_EI/Inter-RPO_2002_WF_EI%20Report_rev_20070515.pdf)

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**Synergistic Activities:**

- Currently managing the Southeast Ethanol & Biodiesel Infrastructure grant awarded in the 2006 DOE grant solicitation. This grant has expanded alternative fuel infrastructure in 4 Southeast States, totaling over 450,000 gallons of biodiesel and over 350,000 gallons of ethanol to date.
- Currently partnering with the North Carolina Solar Center's Clean Transportation Department and Centralina Clean Cities Coalition to deliver grant funds, education, and outreach to stakeholders interested in expanding their use of alternative fuels.
- Organized Durham, NC event for the National Hydrogen Road Tour (H2RT), which included a panel discussion on hydrogen energy-related topics, media coverage, and first-responder coordination.

**Professional Memberships & Activities:**

- National Ethanol Vehicle Coalition
- Southeast Diesel Collaborative
- Southeast Alternative Fuels Task Force
- National Clean Cities
- North Carolina Biomass Council