

CURRICULUM VITAE

KEVIN L. LYONS

Rutgers, The State University of New Jersey
Rutgers Business School
Supply Chain Management Department (SCM)
RBS-Public Private Community Partnerships Program (PPCP)
Rutgers Center for Local Supply Chain Resiliency (CLSCR)
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Web: [RBS-Public Private Community Partnerships Program](#)

Research Labs and Affiliations:

- *University Office of Climate Action* - [Link](#)
 - *Rutgers EcoComplex* – [Link](#)
 - *Rutgers Energy Institute* – [Link](#)
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EDUCATION

Ph.D. Supply Chain Management, Environmental Management and Policy, Graduate Research School, School of Sciences, Centre for Environmental Informatics, University of Sunderland, Sunderland, England, 2002

Dissertation: ‘Greening the Government Through Waste Prevention, Recycling and Federal Acquisition/Supply Chain Management Systems (EO13101)’: A Critical Assessment of Supply Chain Management and Purchasing Within the US Higher Education Sector

Technical Training: Oracle Database Systems Certification; Oracle Financials 11i, Oracle 8i Database, PL/SQL, Forms, Reports, 3-tier Architecture (web, forms and database servers); servers running on Unix/Sun Solaris platforms. Rutgers University/Oracle Corporation (April 2000)

RESEARCH INTERESTS

- Supply Chain Management
 - Supply Chain Archaeology
 - Supply Chain Environmental Management
 - Applied Decision Analysis – Process Improvement (Operational and Personnel)
 - Big Data Analytics; Systems-Thinking Process Modeling (Game Theory-Decision Theater Modeling)
 - Supplier Diversity, Capacity Building, Protégé-Mentorship Relationship Management
 - Supply Chain Industrial and Manufacturing Decision, Innovation and Solution Research
 - Global Disaster Response Supply Chains (Global Health Initiatives)
 - Life-Cycle Assessment and Costing Modeling (using parallel Product Life Cycle-Supply Chain Modeling)
 - Supply Chain Energy Systems; Energy Grid Security; Alternative Energy Development
 - Supply Chain Fashion and Other Creative Pursuits
- Supply Chain Waste Archeology
 - Waste Management and Recycling Technology
- Alternative Product and Packaging Composite Development and Design Research (Application and Implementation of Agricultural and Waste By-Product)
- Environmental Economics; Energy Economics (Alternative Energy Economics and Purchasing)
- Carbon-Energy Eco-Labeling

- ERP System Planning and Development - Environmental Resource Tracking Utilizing ERP Systems
- Environmental Reporting and Informatics e-Business/e-Environmental Contract Management
- eco-Economic Development and Environmental Justice; Sustainable/Community Development (shared services/cooperative purchasing agreements-between the Higher Education Municipal NGO Community-based services and School District Sectors).
- Public Procurement
 - Public Procurement Systems
 - Public Bidding Laws
- Public Budgeting and Finance Accounting Procurement and Budget Fundamentals
- Contract Management and Administration, Contract Law

ACADEMIC, GOVERNMENT, MILITARY AND PROFESSIONAL POSITIONS

Academic

- Rutgers Business School, Supply Chain Management Department, Rutgers University, Newark and New Brunswick Campus
Associate Professor - Professional Practice
July 2014 – Present
- Rutgers Business School, Supply Chain Management Department, Rutgers University, Newark and New Brunswick Campus
Director, Rutgers Center for Local Supply Chain Resiliency
July 2022 – Present
- Rutgers Business School, Supply Chain Management Department, Rutgers University, Newark and New Brunswick Campus
Director, RBS Public Private Partnerships
January 2015 – Present
- Rutgers Business School, Supply Chain Management Department, Rutgers University, Newark and New Brunswick Campus, Rutgers Global, U.S. State Department
Director/PI, Rutgers Mandela Washington Fellowship Program
January 2015 – Present
- Rutgers Business School, Supply Chain Management Department, Rutgers University, Newark and New Brunswick Campus
Assistant Professor
July 2011 – June 2014
- Rutgers Business School, Supply Chain Management Department, Rutgers University, Newark and New Brunswick Campus
Field Researcher, Supply Chain Environmental Archeology Lab
2011 – Present
- Rutgers School of Business, Supply Chain Management Department, Rutgers University, Camden Campus
Part-Time Lecturer, Supply Chain Environmental Management; Green Purchasing
January 2011 – Present
- Rutgers Public Policy and Administration Department, Rutgers University, Camden Campus
Part-Time Lecturer, Public Budgeting and Finance
2011 - Present
- Rutgers Business School, Supply Chain Management Department, Rutgers University, Newark and New Brunswick Campus
Part-Time Lecturer, Supply Chain Environmental Management; Green Purchasing
September 2009 – 2011

- Rutgers Public Policy and Administration Department, Rutgers University, Camden Campus
Part-Time Lecturer, 'Supply Chain Environmental Management'
2007 – Present
- School of Environmental and Biological Sciences, Rutgers University, New Brunswick Campus
Part-Time Lecturer, Supply Chain-Industrial Ecology/Ecological Business Management and 'Green Purchasing and Ecological Systems'
September 2004 - Present
- Rutgers Business School, Supply Chain Management Department, Rutgers University, Newark and New Brunswick Campus
Part-Time Lecturer, 'Entrepreneurship and the Small Business Environment' and 'High Tech Venturing'
January 2003 - 2006
- School of Environmental and Biological Sciences, Rutgers University, New Brunswick Campus
Part-Time Lecturer, Institutionalizing Environmentally Sensitive Contracts and e-Business Systems
1991 - 1996

Additional Rutgers Academic Assignments (New Brunswick, Newark and Camden Campus):

- Co-Director, Rutgers Office of Climate Action, New Brunswick, New Jersey
September 2021 – Present
- Director, Newark 2020 Buy Local Program, Newark New Jersey,
June 2017 - Present
- **Rutgers Byrne Seminar Researcher**, Supply Chain Archaeology/Climate Change Database Development Project, New Brunswick Campus
2013 – Present
- **Rutgers Aresty Researcher**, Rutgers Energy Grid and Heat Mapping-Modelling Project, New Brunswick Campus
2012 – Present
- Fulbright Scholarship Research Advisor, for Fulbright Scholarship recipient Nyrie J. Palmer (University of New South Wales/Rutgers University/Princeton University).
July 2002 - July 2003
- Supply Chain Archeology Researcher, Rutgers, The State University of New Jersey, Rutgers SEBS, Rutgers Business School – Conducting Global Landfill and Archeological Digs 1999 - Present

Professional Positions

University Procurement and Contracting Division:

- Chief Procurement Officer/Executive Director, University Procurement and Contracting Division
2005-2011
- Director, University Procurement and Contracting Division
2003-2004
- Procurement Project Manager, Rutgers/Oracle e-Procurement/Financials Systems Implementation Project
2002-2003
- Procurement Functional Lead, Rutgers/Oracle Systems Implementation Project (Rutgers Integrated Administrative System Project)

1999-2002

- Purchasing Manager, University Procurement and Contracting Division, Camden Campus
1995-1999
- Senior Buyer, University Procurement and Contracting Division
1991-1995
- Buyer, University Procurement and Contracting Division
1988-1991

Additional University Professional Positions:

- Co-Director, University Climate Action Office
2021 – Present
- Associate Director, Rutgers Energy Institute
2008 - Present
- Associate Director/Researcher, Business Development Rutgers EcoComplex
2004-2005, 2011 - Present

St. Peter's Medical Center, New Brunswick, New Jersey

- **Senior Purchasing Agent**
1986-1988

United States Air Force (Active Duty); 1980 – 1986:

- Supply Chain Management, Procurement and Logistics Non-Commissioned Officer, United States Air Force, Department of Aerospace Science, Rutgers University and Princeton University (Joint Assignment)
1983-1986
- Supply Management, Procurement and Logistics Non-Commissioned Officer, United States Air Force, Procurement/Comptroller Divisions, F.E. Warren AFB, Wyoming
1980-1983

Board and Commission Memberships

- New Jersey Commission on the Green Economy; 2021-Present
- New Jersey Recycling Markets Commission; 2021-Present
- Rutgers Global Health (Core Faculty Member); 2019-Present
- Newark Anchor Collaborative (Steering Committee Member, Researcher); 2019-Present
- Newark Equitable Growth Commission; 2018-Present
- Rutgers Earth and Atmospheric Sciences Board Member; 2018-Present
- NJ Manufacturing Research (NJMEP Board of Trustees); 2017-Present
- Rutgers Center for African Studies (Researcher and Board Member); 2017-Present
- Rutgers Office for the Promotion of Women in Science, Engineering & Mathematics; 2017- Present
- Center of Accelerated Real Time Analytics an NSF Industry/University Cooperative Research Center; 2015-
- Newark 2020-Buy Local (Researcher, Board Member); 2013-Present
- Rutgers Edison Papers (Board Member and Researcher); 2012-Present
- Rutgers CAIT (Researcher); 2012-Present

On-line/Television Instruction

- **CNBC Guest Analyst and Presenter**, “Better Your Business” Small Business Series (Presented 4 shows with CNBC TV Host Tyler Mathison), CNBC, Englewood Cliffs, NJ March 2012 - Present

- Part-Time Lecturer, ‘Public Policy and Administration-Procurement and Budgeting for Public Managers’, (In-Class and On-Line-via Rutgers eCourse AU), Department of Public Policy & Administration, Rutgers University, Camden Campus, 2007 - present
- Instructor, National Wildlife Federation’s Web ‘Teach-in’ (60 minutes); Course Title: ‘Driving Sustainable Markets National Teach-in, Washington DC,. 2002 – present

UNIVERSITY, SCHOOL AND DEPARTMENTAL ACTIVITIES

- Researcher, Rutgers Flavor, Fragrances, and Perceptions Institute, Office of Research and Economic Development, New Brunswick Campus, 2011 - Present
- Researcher, Rutgers Sustainable Materials Institute, Conduct collaborative research on Supply Chain Environmental Archaeology-Alternative Product and Packaging Composite Development and Design Research (Application and Implementation of Agricultural and Waste By-Product), School of Arts and Sciences, New Brunswick Campus, 2009 – present
- Researcher, Rutgers Energy Institute, Conduct Research on Energy Economics, Alternative Energy Development and Economics, Waste, Carbon Emission GHG-Energy Product Certification, Institute for Marine and Coastal Sciences, New Brunswick Campus, 2008 - present
- Researcher, Rutgers EcoComplex, Supply Chain Environmental Archeology (waste management archeology research), Burlington County Landfill, Rutgers Greenhouse and Agricultural Research (alternative energy research), School of Environmental and Biological Sciences, Agricultural Experiment Station, Bordentown, NJ, 2001 - present

PROFESSIONAL ACTIVITIES

- Green Purchasing Instructor, New Jersey State Department of Community Affairs, Rutgers Center for Government Services, Green Purchasing Training and Certification Program, 2013 – Present
- **Green Supply Chain, Sourcing and Procurement Certification Program** – Developed the first Rutgers Business School, Center for Supply Chain Management GSCSP Certification Program for Rutgers RBS-SCM Students and Professionals, 2011 -
- Board Member, Middlesex County Green Communities and Economic Development Project, 2008 - present
- Member, University President’s Community Development Project, 2009 - present

JOURNAL PUBLICATIONS (PEER-REVIEWED)

Climate Change and Allergic Disease Supply Chain Economics
 Journal Current Allergy & Asthma Report
 12(6)
 485–494
 10.1007/s11882-012-0314-z
 0000-0002-3563-5634
 2012

JOURNAL PUBLICATIONS (NON PEER-REVIEWED)

Lyons, Kevin (1996) "Environmentally Sensitive Contracts at Rutgers University", Corporate Environmental Strategy; The Journal of Environmental Leadership, Summer 1996, PRI Publishing

BOOK CONTRIBUTIONS

Lyons, Kevin (2015) “A Road Map to Green Supply Chains – Using Supply Chain Archaeology, Big Data Analytics to Prepare for the Next Industrial Innovation Revolution.” Industrial Press

K. Lyons (2013), Green Purchasing Environmentally Responsible Purchasing - A U.S. Government Training Guide New Jersey State Version, Trenton, NJ State Treasury and Community Affairs Department, U.S. Government Printing Office (*this 117 page publication written and published by K. Lyons in response to the 2007 2007 the State amended Section 9 of P.L.1971, c.198 (C.40A:11-9). The New Jersey Act requires Organizations to obtain green purchasing training and to procure green products, commodity or services that has a lesser or reduced negative effect on human health and the environment when compared with competing commodities or services.*)

Lyons, Kevin (2000). "Buying for the Future; Contract Management and the Environmental Challenge." London: Pluto Press.

PROCEEDINGS (PEER-REVIEWED)

Data and Metering Infrastructure for Sustainable Consumption and Production
ASME Journal and Proceedings of the ASME 2013 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference
ASME
Volume 2A
33rd
14 pages (<https://doi.org/10.1115/DETC2013-12467>)
2014

COMPLICATION OF READINGS, ARTICLES, OR CASES

1. Rutgers University Procurement Disparity Study, December 2022
2. APM Terminals Port Efficiency, Resiliency and Vessel Idle/Turnaround Time White Paper (Spring 2022)
3. City of Pittsburgh Anchor Buy Diverse Local Study, March 2022 (in progress)
4. New Jersey Economic Development Authority, Equity Investment Disparity Study, February 2022
5. Jersey City Purchasing Disparity Study, September 2020
6. New Jersey Economic Development Authority, Wind Port Purchasing Disparity Study, June 2020
7. Newark Anchor Institution Buy Local Performance Report (August 2018)
8. Newark Industrial Solutions and Economic Development Strategy, June 2016
9. White Paper Report to the New York and New Jersey Legislation to Support Expert Testimony of Doug Morgante, VP, Government State Relations, Maersk (on behalf of the Maritime Industry) *Container Facility Charge at the Port Authority of New York New Jersey Potential Impacts to the Newark Industrial Solution Project (Newark Manufacturing Sector)*

PRESENTATIONS

Note: Since 1988, I have been invited to conduct field research, lecture and/or present papers on environmental contract management and public policy development and implementation systems. I have provided over 20 lectures/presentations per year in the United States and internationally. Below is a selected listing of the most recent lectures/presentations:

- ISM-CT, 2018 New England Supply Chain Conference and Exhibition (October 1, 2018)
- Hackathons:
 - Mandela Washington Fellows (Global Health-Supply Chain Disaster Response and Women's Leadership); 2017 - Present
 - Merck, Supply Chain Sustainability-Green Purchasing Program Development (April 2018)
 - Merck, Supplier Diversity (April 2018)
 - JnJ, Supplier Diversity (December 2017)
- ProcureCon – Paper: "Teaching The Future Of Procurement" and "What's The Most Critical Skill-Set For Procurement In The Next Decade?" October 15, 2013, Atlanta, GA
- NIGP (National Institute of Government Procurement) Atlantic City Conference Proceedings – Paper: "Supply Chain Archaeology and Climate Change Economics," May 2, 2012, Atlantic City, NJ

- NJIT Energy Conference Forum – Paper: “Supply Chain Management in the Energy Sector (Public Policy and Supply Chain Conflicts)” March 30, 2012, NJIT's Campus Center NJIT, Newark, NJ
- ISM-NJ (Institute of Supply Management) – Paper: “Supply Chain Environmental Management and Archaeology” March 14, 2012, Parsippany, NJ
- NSF-IGERT Forum (NSF-Integrative Graduate Education and Research Traineeship) – Paper: “Supply Chain Environmental Management and Archaeology” March 6, 2012, Rutgers University Bloustein School, New Brunswick, NJ
- CSCMP - Par Pharmaceutical - Paper: “Tier-One Supply Chain Supplier Relationship Management” January 19, 2012, Park Ridge, NJ
- Fall 2011/Spring 2012/Fall 2012 CPMCP, ISM-NJ, NIGP, NIGP-NJ, ProCon – “Greening the Supply Chain and Supply Chain Archeology”
- Fall 2011 Fordham University – Gabelli School of Business's Global Learning Opportunities and Business Experiences Lecture Series “Rutgers Greening the Supply Chain”
- NAPM/ISM, South Carolina, Supply Chain Environmental Management, Green Purchasing, Marketing the Value of Procurement to the Organization, 2011, Myrtle Beach, SC
- NAPM/ISM, South Carolina, Supply Chain Environmental Management, Green Purchasing, Marketing the Value of Procurement to the Organization, 2010, Myrtle Beach, SC
- Prudential, Green Purchasing Implementation and Community Development Program, April 2009, Newark, NJ
- ISM/NAPM-Philadelphia – Supply Chain Environmental Management, Green Purchasing and eProcurement System Integration, December 2009, Philadelphia, PA
- ISM-NY – Greening the Supply Chain-ROI, October 2009, New York, NY
- ISM-Minnesota – Supply Chain Environmental Management Systems-Life Cycle Assessment, September 2009, Minneapolis, MN
- MetLife, Corporate Environmental Management and Green Purchasing Implementation Strategy, December 2008, March 2009, New York, NY
- MetLife, Corporate Environmental Management and Green Purchasing Implementation Strategy, December 2008, March 2009, New York, NY
- City of Burlington, VT; Public Purchasing – City-wide Green Purchasing Training and Implementation Project (2008 – 2009)
- Cherry Hill Township, Sustainable Cherry Hill, Developing a City-wide Sustainable Development and Green Purchasing Strategy, November 2008 - Present, Cherry Hill, NJ
- Time Warner, Corporate Social and Environmental Reporting – Corporate Implementation of Global Green Purchasing Strategy, November 2008, New York, NY
- M & M Mars Corporate Educational Series, Green Purchasing and Corporate Research and Development, September 2008, Princeton, NJ
- NAEP Annual Conference – Supply Chain Archeology, April 2008, Austin, TX (2001 – Present)
- NIGP NJ Regional Conference – Supply Chain Archeology and Green Purchasing for Public Purchasing Professionals, February 2008, Somerset, NJ
- NAEP Regional Conference Northeast – Supply Chain Archeology and Green Purchasing, October 2007, Cape Cod, MA
- University of Trinidad-Tobago – eWaste, Green Purchasing, eProcurement and Local Economic Development in the Caribbean, Port of Spain, Trinidad, April and July 2007
- NAEP Sustainability Institute – Supply Chain Archeology and Green Purchasing, July 2007, Phoenix, AZ
- CAUBO Annual Conference - ‘Everyone can contribute to the development of a sustainable campus: Explore strategies for engaging the entire campus’, Prince Edward Island, June 2007
- NAEP Annual Conference – Supply Chain Archeology, April 2007, San Jose, CA
- NASA - NASA Recycling and Affirmative Procurement (RAP) & Pollution Prevention (P2) Workshop, ‘Supply Chain Environmental Management, NASA Ames Conference Center (NACC), May 24-26, 2005, Moffett Field, CA
- Environmental Consortium of Hudson Valley Colleges & Universities - Greening the Campus: Exploring Practices, Curriculum, and Management in Higher Education, November 2006, Purchase College (SUNY)
- NAIS – National Association of Independent Schools - Institute for Leadership in Sustainability “Green Purchasing – The Rutgers University Case Study”, June 2006, Lawrenceville School, Lawrenceville, NJ
- Rutgers EcoComplex - Environmentally Preferred Purchasing and Bio-Based Products
- Workshop, “Environmentally Preferable Purchasing”, April 2006, Rutgers EcoComplex, Bordentown, NJ

- OFEE – Office of the Federal Environmental Executive, Executive Order 13101 InterAgency Working Group (EIOAG) Meetings “Environmentally Preferable Purchasing and Federal Government Executive Order”, October 2004, Washington DC
- NYSE – New York Stock Exchange, Green Purchasing Lecture Series, September 2004
- USEPA - Environmentally Preferable Purchasing Trends, Opportunities, and Benefits for the Higher Education and Governmental Sectors, June 2003, New York City
- Greening the Campus from a Procurement Perspective, Keynote Address (Link), Twenty-Second Annual E.F. Schumacher Lectures; MANAS Journal (Lecture Transcript), E.F. Schumacher Center for New Economics, Northhampton, Massachusetts, 2002
- Northern Ireland Assembly, Development and Implementation of a Systems Thinking Approach to Environmental and Sustainable e-Procurement Systems, Programs and Policies, 2002, Belfast, Ireland
- Westminster University, The Rutgers University Environmental and Sustainable e-Procurement Systems, Programs and Policies, 2002, London, England
- World Wide Fund for Nature UK, (England, Wales, Scotland and Northern Ireland); 1995 – Present, Lecturer and Consultancy (The European Union, Parliament and the Implementation of Agenda 21, Best Value Through e-Environmental Contract Management, Policy and Law)
- Atlantic Colleges of the South, The Rutgers University Environmental and Sustainable
- e-Procurement Systems, Programs and Policies, 2002, Rollins College, Winter Park, Florida
- Cardiff City Council New ‘City-wide’ Governmental Policy Initiative, European Union Sustainable Procurement Policies, Best Value and the Development and Implementation of Environmental and Sustainable e-Procurement Systems, Programs and Policies, 2001, Cardiff, Wales
- Caledonian University (Keynote and Lecture), Best Value Procurement and the Development and Implementation of Environmental and Sustainable Procurement Systems, Programs and Policies, 2001, Glasgow, Scotland
- Michigan State University (Presentation), The Rutgers University Environmental and Sustainable Procurement Systems, Programs and Policies, 2001, Lansing, Michigan
- Emory University, The Rutgers University Environmental and Sustainable Procurement Systems, Programs and Policies, 2001, Atlanta, Georgia
- University of New Hampshire, Product Take Back (Extended Product Responsibility Regulations) Implementation and Policy, 2001, Durham, New Hampshire
- Edinburgh University, Developing and Implementing Higher Education and Public Sector Environmental and Sustainable Procurement Systems and Programs, 2002, Edinburgh, Scotland
- Purchasing and Environmental Literacy, 1998, Keynote Speaker, La Tadeo University, Bogotá, Colombia
- Keynote Speaker, Sustainable Technology and Contract Management Development, Sustainable Technology Conference, 1998, Georgia Institute of Technology, Georgia
- National Wildlife Federation, Campus Ecology Programs, 1997, University of South Carolina, Columbia, South Carolina
- Conference On University Purchasing, (Environmental Contract Management and Public Policy Implementation), 1997, Angelia Polytechnic University, Chelmsford, England
- The 21st Century Alliance for Sustainability, Environmental Contract Management-Best Value/Local Authority Conference, 1997, World Wide Fund for Nature - UK, Coventry, England
- University Environmental Program Development, 1996, University of Puerto Rico, Mayaguez and Rio Piedras, PR
- Contract Management and University Environmental Literacy Programs, ULSF Secretariat, 1996, Universidad De Bogota Jorge Tadeo Lozano, Bogota, Colombia
- Procurement, Public Policy and University Environmental Literacy Programs, ULSF Secretariat, 1995, Universidad De Cusco, Cusco, Peru

CONTRACTS, FELLOWSHIPS, GRANTS AND SPONSORED RESEARCH

- New Jersey State Budget Line-item, establish the Rutgers Center for Supply Chain Resiliency; \$1,000,000, 2024/25 (reviewed and approved annually)
- New Jersey State Budget Line-item, establish the Rutgers Center for Supply Chain Resiliency; \$500,000, 2023/24 (reviewed and approved annually)
- New Jersey State Budget Line-item, establish the Rutgers Center for Supply Chain Resiliency; \$500,000, 2022/23 (reviewed and approved annually)
- APM Terminals Port Efficiency, Resiliency and Vessel Idle/Turnaround Time R& D White Paper; \$9,500, 2022

- NJDEP Recycling Enhancement Grant; \$206,346 to Design Recycling Systems at Rutgers University using Decision Support Tools and Strategic Management Principles, 2021/22 (co-PI)
- Rutgers, The State University of New Jersey; \$78,635.00 University Procurement Division to conduct a Purchasing Disparity Study to determine local set-a-side purchasing legislative guidance, 2021/22
- New Jersey Economic Development Authority; \$78,635.00 to conduct an Equity Investment Disparity Study to determine disparity in NJEDA equity investments via their investment partners, 2021
- Riverside Community Initiative/Hillman Family Foundation: \$32,527 to develop the Pittsburgh Buy Local Diverse Program, 2021
- Public Service Electric Gas (PSEG); \$71,725 to develop the PSEG Supplier Mentorship Program for the Clean Energy and Direct Install Program, 2021
- New Jersey Economic Development Authority; \$58,267.00 to conduct a Purchasing Disparity Study to determine disparity in NJEDA contracting, development of supplier base for the Salem County Off-Shore Wind Port, and for establish purchasing legislative guidance, 2020
- Robert Wood Johnson Foundation; \$173,000 to conduct research on the Newark Buy Local-Social Determinants of Health, 2019/2020
- City of Jersey City; \$184,000 to conduct a Purchasing Disparity Study to determine local set-a-side purchasing legislative guidance, 2019/2020
- U.S. State Department; \$150,000/yr for the Mandela Washington Fellowship Grant (2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024)
- Department of Commerce; \$177,762 to support the Accelerating Advanced Food Manufacturing Partnerships initiative, which will develop strategies to strengthen the food industry sector in Newark, Camden, and Bridgeton by helping manufacturers gain access to advanced technologies, critical information, training, technology, and financing. 2013
- Brick City Development Corporation; \$30,000, Newark Industrial Solutions Center; 2013
- Garfield Foundation; \$50,000, Newark Industrial Solutions Center; 2013
- NSF-IGERT; \$3.2 Million; Nanotechnology for Clean Energy (multiple researchers), 2009
- NSF-IGERT; \$1.5 Million; Solutions for Renewable and Sustainable Fuel in the 21st Century (multiple researchers), 2009 (complete January 2014)
- New York City Transit Authority/MTA; \$50,000 (MTA Green Purchasing Implementation, 2007)
- Lawrenceville School; \$20,000 (Green Purchasing eProcurement System Development), 2006
- Lawrenceville School; \$37,000 (Green Purchasing and Recycling Implementation), 2004
- USEPA; \$50,000 (Development of Life Cycle Assessment Systems for Environmentally Preferable Purchased Products and Services), 2004

INTERNAL GRANTS AND CONTRACTS

- Rutgers Third Space Grant-Rutgers Arts Express; \$13,000 – Business of Creating a Documentary, 2019
- Rutgers Newark Chancellor Seed Grant; \$70,000 - Rutgers-Newark Green Zone 2020 EmCARSTTM Initiative
- Rutgers 4-H Grant; \$4,000; Rutgers 4-H Development of Green Supply Chain – Green Purchasing Science Toolkit for Rutgers 4-H Institute for Marine and Coastal Sciences (SEBS) Students (Adrianna DiGuglielmo, Rutgers School of Business, Camden), Summer 2012
- Rutgers Energy Institute Grant; \$5,000 – Development of a Supply Chain Renewable Energy Cost and Economic Analysis Research (Developing a Web Portal for renewable energy capital project decision-makers)
- Rutgers Business School - Research Resources Committee Award for 2012 (\$1,585) Research Title: “Identifying Cost and Efficiency Opportunities in Government Procurement”
- Rutgers – SCM Departmental Grant (\$1,000) – Supply Chain Archeology Database Development Research
- Rutgers Climate Change Grant; \$10,000 (to develop product climate impact labeling and evaluation system)
- Rutgers Energy Institute; \$70,000 (to develop Procure-to-Waste Greenhouse Gas Database, develop and managed Rutgers Energy Conservation Internship program)

AWARDS/HONORS

- Notable Document Award - National Conference of State Legislatures (NCSL); The Legislative Research Librarians (LRL) Professional Staff Association for the publication: “2022 Recycling Market Development Council: Report to the Governor and Legislature” - 2023

- New Jersey State Governor’s Jefferson Awards - PSEG® Environmental Stewardship, 2015
- University President Leaders in Faculty Diversity Award, 2015
- ISM Professional Supply Chain Annual Chair Award, 2013
- Sierra Club Annual Professional of the Year Award, 2010
- New Jersey State Governor’s Award for Environmental Leadership and Excellence, 2006
- Heinz Family Foundation Annual Award Nomination Board Member, (The Heinz Awards), 2002
- National Wildlife Federation, Annual Individual and Special Achievement Award for Environmental Stewardship, 2001
- African-American Chamber of Commerce of Philadelphia – Annual Award for Corporate Leadership, 2000
- United States Vice Presidential National Recycling Challenge Award, 1998
- New Jersey Department of Environmental Protection, Research/Advancement of Environmental Protection in New Jersey, 1993 and 1995
- New Jersey Agricultural Experiment Station, Award for Environmental Contract Management Research, Rutgers University, 1995

PROFESSIONAL AND/OR EXECUTIVE TRAINING

Professional/Executive Training Type: Executive Training
 Client/Organization: Rutgers Business School; CUEED
 Location: Newark, NJ
 Compensated or Pro Bono: Compensated
 Start Date/End Date: January 2015 – Present

Professional/Executive Training Type: Executive Training
 Client/Organization: Rutgers Business School; Executive MBA
 Location: Newark, NJ
 Compensated or Pro Bono: Compensated
 Start Date/End Date: January 2015 – May 2020

MEDIA CONTRIBUTIONS and QUOTES

Media Contribution/Quote Title: Multiple (<https://www.business.rutgers.edu/faculty/kevin-lyons>)
 Media Type: Newsprint
 Media Name: Multiple
 Description: Supply Chain Disruptions, Climate Change, Sustainability, Waste Management
 Date: 2011 - Present

SERVICE TO THE UNIVERSITY

Committee Name: Global Health Institute
 Position/Role: Faculty Member
 Elected or Appointed (*if given*): Appointed
 Start Date/End Date: January 2018

Committee Name: Rutgers Energy Institute
 Position/Role: Associate Director
 Elected or Appointed (*if given*): Appointed
 Start Date/End Date: January 2010

SERVICE TO THE LOCAL COMMUNITY

Organization/Committee/Club: NJ State Commission on the Green Economy
 Position/Role: Commissioner
 City: Trenton
 State: New Jersey
 Country: U.S.
 Elected or Appointed (*if given*): Appointed

Start Date/End Date: January 2020

RESEARCH/SCHOLARSHIP

In 1988 I commenced a global applied research initiative to research product, commodity, energy, and waste development and design and to electronically model and integrate environmental, sustainable development, social and economic criteria within the supply chain/operations management process. By following the development and disposal of products via field research (international raw material and waste material as feedstock for product development to landfill archeological digs) I have been able to develop and utilize several computer modeling programs including systems thinking, life cycle analysis/costing and strategic management processes and systems in order to evaluate and implement effective supply chain management programs, which support and incorporate public policy, environmental management programs, as well as sustainable, social and economic development concepts. This research has shown that these models can be used to execute environmental policy, sustainable and economic development while executing an effective supply chain/operations management system in all sectors. In addition, this research and its practical applications can be applied throughout the global business community, which include the institutionalization of public policy/environmental contract management programs for governmental agencies, local communities and educational institutions worldwide. I have worked on and applied these concepts with several governmental, public and private sector agencies and institutions in the United States, Europe and South America.

APPLIED RESEARCH; SERVICE/OUTREACH

University/Community

During the 1997 through 1998 calendar year, I was asked by the State of New Jersey (State Government Relations Division) to investigate (research), author and implement the City of Camden's first comprehensive Purchasing Policy and Procedural Manual. In order to implement the City's new purchasing policies and procedures, I developed and conducted several citywide workshops/training sessions for Camden City procurement, administrative and operational officials and employees; the New Jersey State Government Relations Division approved the release of the publication and the workshop/training methodology. In order to sustain the City of Camden's procurement system and process, I developed a research/internship program based on this project. As a result, graduate student interns from the Rutgers-Camden, Masters of Public Administration and the Law School; participate in the on-going maintenance and training for the City of Camden Purchasing Manual/Publication.

- Supply Chain Archeology Researcher – Conducting Global Landfill and Archeological Digs 1999 -
- Faculty Member ISM Services Group – Professional Student Development/Case Competition 2012-
- Faculty Advisor for Fall 2012 Sustainable Supply Chain Conference (Joseph Fung, Kyle Hegel)
- Faculty Advisor for Spring 2012 Developing a Sustainable Walmart Supply Chain App – Walmart Business Plan Competition (Tarak Shah, Barak Epstein, Sameer Grover, and Brian Pan)
- Research Advisor and Co-PI for Fall 2012 Climate and Sustainable Coffee Supply Chain in Kenya Symposium (Rose Kiwanuka, Ph.D. Candidate)
- Faculty Advisor (Ph.D. Candidates ... Sustainability, Climate and Renewable Energy Research)
- Research Member of the Rutgers Big Data Research Program at CoRE (research to merge my global supply chain sustainability and archeology data into one computational database that will eventually be utilized by professional supply chain, sourcing and procurement professionals globally)
- Research Member of the new Rutgers Center for Sensory Sciences (Flavors, Fragrances, etc.)
- 2011/12 Rutgers Gardens New Visitors Center Building; Selected as a the head of the RFP Green Building and Architectural Selection Committee
- Summer 2012 - Rutgers Freshman Orientation Lectures (4 (four) Introduction to SCM Lectures were provided to incoming Rutgers Students)
- Associate Director, Supply Chain Business Development, Rutgers EcoComplex. Developing supply chain readiness plans for 13 alternative energy and agriculture business incubators located at the EcoComplex
- Associate Director, Rutgers Energy Institute, Student Research Projects – Supply Chain Renewable Energy Research (\$5,000 Student Summer Grant Program)
- Research Member for the Newark Manufacturing Initiative with the Brookings Institute – Developing a Supply Chain Resource Center for small Newark manufacturing firms (approximately 400 firms) and sustainable food supply chain networks; papers will be developed based on how the resources perform for these firms.
- Research Advisor, Summer 2012 Rutgers 4-H Development of Green Supply Chain – Green Purchasing Science Toolkit for Rutgers 4-H Institute for Marine and Coastal Sciences (SEBS) Students (Adrianna DiGuglielmo, Rutgers School of Business, Camden); \$4,000 Grant (presented at Spring Teen Summit)

The Rutgers Green Purchasing Program and the Green Cooperative Purchasing Initiative

Since 1988 I have been involved in the development of green purchasing concepts and initiatives. Using the standard University contract as a gateway to greening the institution has been an extremely successful process. The contract is an extremely powerful mechanism for communicating what your organizational requirements and needs are, specifying high quality goods and services and for tracking supplier performance. Green purchasing adds another important and critical layer to the established contract and the Rutgers Purchasing Department has introduced multiple environmental, social and corporate disclosure and reporting criteria to the competitive contract. Adding this information during the design of the specifications has allowed the University to ensure that this information is introduced at the beginning rather than at the end of the competitive bid process.

As a major public research institution Rutgers has always had a commitment to the New Jersey citizens, communities and organizations that surround our University system. As the director of the Rutgers Purchasing Department I understood this valuable and important responsibility and I directed the staff to utilize the green purchasing concept to serve a required environmental and social responsibility. As I wrote and competitively bid our green RFPs, RFQs and negotiated our University-wide contracts, the Purchasing Department has included mandatory cooperative purchasing language which allows the University to extend and share our contracts with other Universities, Schools (K-12), Municipalities, and Non-Governmental Organizations (NGOs). These entities will now have the ability to purchasing green products and services at the same quality and cost thresholds as Rutgers University. Note: I conducted extensive research into New Jersey State Public Bidding regulations and policies to ensure that we could extend our University contracts to other public sectors within the State.

During my research into developing the Green Purchasing Cooperative I began to understand and focus on how the Rutgers Purchasing Department could serve a more important role ... bringing together the power of State, County, Rutgers, Local and Municipal green purchasing power to serve a much larger audience. It is our continued goal to ensure that the communities that directly surround the University ... Newark, Camden, New Brunswick and Piscataway are able to take advantage of green purchasing. Our view is that the Rutgers Purchasing Department can serve an important networking and consulting role as we continue to conduct valuable and cutting-edge green purchasing research we will extend and outreach to NJ State Treasury/ Purchase Bureau Officials, County Purchasing Officials (Essex, Camden and Middlesex), Public and Private School Officials, Administrators, Teachers and Students (Newark, Camden, New Brunswick and Piscataway), State, County and Local Governmental and Legislative Officials, Local Businesses, and Citizens. The synergy that green purchasing and the Rutgers Purchasing Department can bring is tremendous, empowering and progressive ... it is the knowledge that green purchasing could serve as the common mindset changing force in how we view the community and community service. We are connecting multiple sectors to a common goal and we hope that we are changing and greening the landscape as we continue to provide more guidance and green purchasing opportunities.

National and International

In addition to my Supply Chain/Environmental Contract Management research that I have conducted, I have traveled throughout the United States and internationally to assist governmental officials, communities, higher education institutions and industry leaders in the design and implementation of environmental and social justice and protection programs. I have also conducted lectures and consultation work on behalf of the New Jersey Department of Environmental Protection, the World Wide Fund for Nature - UK, Tufts University's Environmental Literacy Institute, and the National Wildlife Federation, Washington, DC. In 1995, I was invited to commence work on the UK governmental procurement conversion plan (Compulsory Competitive Tendering - CCT to Best Value) and have traveled to England, Wales, Scotland and Ireland to assist in the negotiations, and implementation strategies with several local authorities, European Union Officials, WWF-UK and DETR (Department of Environment and Transport) several times a year.

In 2001, I began collaborative work with the WWF-UK on the development of a Sustainable Procurement Continuing Education Course and Professional Certification Program for Government and Higher Education Procurement Professionals. In the Spring of 2005, this project was implemented simultaneously in London (Westminster University), Cardiff, Wales (Government), Belfast, Northern Ireland (Government), New Brunswick (Rutgers University) and Washington D.C. (Office of the Federal Environmental Executive/USEPA).

Doctoral theses supervised as primary advisor.

- a) 2023-Present, Haiyan Liu, RBS, DBA Candidate

b) 2023-Present, Angelo Torres Soldevila, RBS, DBA Candidate

COURSES TAUGHT AT RUTGERS UNIVERSITY

- 29:799:490 *Public Procurement* (elective undergraduate course)
- 22:799:580 *Operations Analysis* (core MBA course)
- 29:799:475/6 *Supply Chain Management; For Fashion and Other Creative Pursuits I and II* (elective undergraduate course)
- 22:799:608 *Procurement and Global Sourcing* (core MBA course)
- 29:799:301 *Intro to Supply Chain Management* (core undergraduate course)
- 29/33:799:440 *Supply Chain Environmental Management; Green Purchasing* (elective undergraduate course)
- 22:799:642 *SC Global Sourcing and International Distribution for Fashion* (Business of Fashion Core)
- 29/33:799:498 *Supply Chain Environmental Management; Green Purchasing* (Independent Study)
- 29:799:498:Q5 *The Business of Creating a Documentary* (RBS/SAS Independent Study Course)
- 22:799:672 *Supply Chain Environmental Management; Green Purchasing* (elective MBA and EMBA course)
- 16:137:602 *Supply Chain Environmental Management; Green Purchasing* (MBS course)
- 01:090:101 *Supply Chain Archaeology (Rutgers Byrne Seminar)*
- 52:620:493 *Supply Chain Management* (core undergraduate course)
- 56:834:515 *Public Budgeting and Finance* (core MBA course)
- 11:015:300 *Green Purchasing* (elective undergraduate course)