

## **Anthony M Sarkis, Jr.**

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### **EDUCATION:**

2022: MALM – Thunderbird School of Global Management – Arizona State University – Phoenix, AZ.  
2019: Certificate of Negotiation Mastery - Harvard Business School - Cambridge, MA.  
2015: Certificate for Giving Voice to Values (Faculty Cohort) - Babson College - Wellesley, MA.  
2014: Leading Non-Violent Social Movements - Harvard Kennedy School – Cambridge, MA.  
2012: Post Grad. Social Psychology of Green Consumerism - Antioch University New England-Keene, NH.  
2008: M.B.A. Plymouth State University – Plymouth, NH.  
2007: Graduate Certificate in the Human Side of Enterprise – Plymouth State University - Plymouth, NH.  
1998: M.S. Resource Mgt. & Adm. in Environmental Studies – Antioch New England Graduate School – Keene, NH.  
1993: B.A. Biology – Massachusetts College of Liberal Arts – North Adams, MA.  
1986: Diploma – Drury Senior High School – North Adams, MA.

### **AWARDS, CERTIFICATIONS & RECOGNITION:**

12.19': Award Finalist - Massachusetts Clean Energy Center Catalyst Program, Boston, MA.

5.11': Visiting Professor - Clark University Graduate School of Management: Top 16 Ranking of Green Business Schools in the United States by Entrepreneur Magazine & Princeton Review.

8.07': Certificate Award - Toastmasters International: Competent Communicator, Williamstown, MA.

06': Certificate of Completion - Problem Based Service-Learning Institute- Campus Compact, Middlebury, VT.

01': Associate Director - Rensselaer Polytechnic Institute – Lally School of Management & Technology: #8 Ranking for Programs Showing Significant Activities of Leading MBA Programs Incorporating Environmental Management, "Beyond Grey Pinstripes", World Resources Institute.

99': Associate Director - Rensselaer Polytechnic Institute – Lally School of Management & Technology: #3 Ranking for Programs at the Cutting Edge of Incorporating Environment-Business Issues, "Beyond Grey Pinstripes", World Resources Institute.

99': Toxics Use Reduction Planner Training Course Certificate #1859, Toxics Use Reduction Institute, University of Massachusetts – Lowell, MA.

6.98': Advisor to the Board - Northeast Metro Pollution Prevention Alliance: \$91,000 Grant for Industrial Pollution Prevention Studies by Environmental Protection Agency, Commerce City, CO.

7.97': Film Creator / Co-Producer - National Environmental Technology Institute: \$1,400 award for final film editing and production, Blaisdell House, University of Massachusetts, Amherst, MA.

8.96': High Performance Workplace Program & Implementation Plan Facilitator - Digital Equipment Corporation: Among First 30 Corporations Nationally to be Awarded ISO 14001 Environmental Management Standard, Contocook, New Hampshire.

1.96': Wilderness Emergency Medicine/Certificates of Completion for Wilderness First Responder, Stonehearth Open Learning Opportunities, Inc., Conway, NH. Recertified Winter 2003.

9.94': Certified Wildlands Firefighter - United States Department of Agriculture / Youth at Risk Coordinator: Forest Service Fire Fighting Safety Award, Evanston, WY.

92'-93': Student Government Association Elected Student Senator, Massachusetts College of Liberal Arts – Outstanding Service and Community Contribution Awards, North Adams, MA.

83'-93': Competitive Cyclist 1-5th, 1-4th, 3-3rd, 3-2nd, 3-1st Place Awards, Northeast United States.

85': American Legion Post 125 of North Adams, MA: Boy's State Delegate - Bentley College – Waltham, MA.

## **ACADEMIC RESEARCH:**

12.12' – Present: Leads an interdisciplinary project team to design and commercialize a low-cost heating technology to reduce greenhouse gasses in home use (US Patent No. 10,288,314 B2 & 11,105,533 B2).

6.09' – 9.16': Published a progressive scientific peer reviewed paper addressing purchasing barriers for energy efficient products and services for the home including consumer choice for green power. "A comparative study of theoretical behaviour change models predicting empirical evidence for residential energy conservation behaviours", Elsevier Science: Journal of Cleaner Production 141 (2017) 525-537".

7.11': Facilitated a day long workshop on behavioral science research to residential energy coaches of Western Massachusetts at the request of Co-Op Power.

9.10' – 6.11': Convened a team of regional experts from business & government to design and lead research to better understand energy efficiency purchasing decisions for the Western Massachusetts residential market.

5.09' – 7.09': Convened two New England workshops with the Mass Technology Collaborative for business and government to understand behavioral factors impacting the residential renewables market.

1.09': Led interviews with college leaders to discuss the historical and cultural significance of "Earth Day as a Catalyst for Campus Environmental Leadership", Green Theory & Praxis: The Journal of Eco pedagogy, Volume 5, No.1.

## **PUBLICATIONS:**

"A comparative study of theoretical behaviour change models predicting empirical evidence for residential energy conservation behaviours", Elsevier Science: Journal of Cleaner Production 141 (2017) 525-537", National Science Foundation - Graduate Student Fellow, Grant # SES 0947429, The Greening of Economic Development; Science, Technology, and Society Program, PI David J. Hess (Rensselaer Poly-technic Institute) (2010), "Earth Day as a Catalyst for Campus Environmental Leadership", Green Theory & Praxis: The Journal of Eco pedagogy, Volume 5, No.1. (2009), "Greenerborough: Choices for a Sustainable Future – Keynote Address", Greater Peterborough Chamber of Commerce - Newsletter, May 2008, "The Earthscan Reader on Sustainable Consumption – Tim Jackson", Book review, Yale University Journal of Industrial Ecology Vol. 12, No. 2, p. 253-255. (2008), "Business Sustainability 101: Industrial Ecology Embraces New Paradigm for Resource Utilization", Berkshire Trade and Commerce Monthly (2006), "Reusable Transport Packaging Study", Bio Cycle: Journal of Composting & Organics Recycling (2005), "Reusable Pallets Face Density Hurdle", Recycling Today (2005), "Industrial Systems of Tomorrow: Finding Sustainability Through Natural Cycles", 45min VHS/CD-www.worldcat.org (1998).

## **TEACHING, ADVISING & ADMINISTRATION:**

1.22' – Present: NATIONAL ACADEMY OF PUBLIC ADMINISTRATION: Associate, The Standing Panel on Executive Organization and Management (EOM): Washington, DC.

12.20': THUNDERBIRD SCHOOL OF GLOBAL MANAGEMENT: Facilitator, global futures curriculum discussion with the dean, senior faculty, and administration (Online): Washington, DC.

8.20'-10.20': YALE SCHOOL OF MANAGEMENT: Student Assessor, Executive Education Accelerated Management Program (Online): New Haven, CT.

1.11' – 5.11': CLARK UNIVERSITY: Visiting Faculty, Graduate School of Management: Green MBA & Environmental Science Master's Students: Worcester, MA.

6.04' – 5.11': ANTIOCH UNIVERSITY NEW ENGLAND: Adjunct Faculty for Graduate students of Environmental Studies studying Materials and Energy Sustainability, Workshop Convener for Energy Policy Leadership: Keene, NH.

9.05' – 5.06': SOUTHERN VERMONT COLLEGE: Adjunct Faculty for Undergraduate Students of Natural Resources Conservation and Environmental Studies: Bennington, VT.

## **TEACHING, ADVISING & ADMINISTRATION (Continued):**

9.04' – 5.05': MASSACHUSETTS COLLEGE OF LIBERAL ARTS, Adjunct Faculty for Undergraduate Students of Science and Technology Studies: North Adams, MA.

1.03' – 6.03': MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION: Program Director for MA Forests & Parks AmeriCorps Program. 22 Members, 3 Staff, \$500,000 Budget: Hawley, MA.

1.01' – 6.02': WILLIAMS COLLEGE: Adjunct Faculty (Winter Study) for Sixteen Students Studying Campus Environmental Sustainability & Industrial Ecology: Williamstown, MA.

1.99' – 3.01': RENSSELAER POLYTECHNIC INSTITUTE: Associate Director, Operations/Outreach/Student Advising, Environmental Management and Policy (MS/MBA): Troy, NY.

9.98' – 5.99': CHARLES H. MCCANN TECHNICAL SCHOOL: Long Term Substitute Teacher, Biology & Algebra: North Adams, MA.

## **PROFESSIONAL PRESENTATIONS:**

Keynote Speaker - International Conference on Green and Renewable Energy: Generation of Energy Evolution for Sustainable Future (October 2022, Vancouver, CA), Finalist Award – Massachusetts Clean Energy Center Catalyst Program (December, 2019), Plenary Speaker - International Energy & Environment Summit – Dubai, Saudi Arabia: Online (2017), Residential Green Power Workshop Leader - Co-op Power - Greenfield, MA (2011), Convener for Northeastern States By-Product Synergy Summit – The United States Business Council for Sustainable Development (January, 2009), Convener for Regional Green Energy Policy Panel Discussion Series - Antioch University - (Keene, NH 2008-2011), Co-Planner - Gordon Research Conference (International Symposium on Industrial Symbiosis) - Devens Enterprise Commission - Fort Devens, MA (2008), Assistant Editor - The Journal of Corporate Environmental Strategies - Troy, NY (2001), Convener for Berkshire Chamber of Commerce Sustainable Business Event-Pittsfield, MA (2006), Co-Organizer for Premier Sustainable Development Summit - Colorado Sustainability Project / The President's Council on Sustainable Development - Denver, CO (1998), Co-Presenter for Environmental Management Standards - IBM - Boulder, CO (1998), High Performance Workplace Facilitator for Environmental Management Standards (ISO 14000) – Digital Equipment Corporation - Contoocook, NH (1996).

## **MANAGEMENT CONSULTANT:**

10.12' – 4.13': Republic Services, Inc.: Advisor assisting a business and national non-profit to improve its value proposition through better solid waste and recycling contracting: Phoenix, AZ.

12.12' – 6.15': Baker Engineering & Controls, Inc.: Advisor on prospective client marketing strategy for industrial steam to electricity generators: Northeast, United States.

8.08' – 2.09': Devens Enterprise Commission: Organized and facilitated a senior level workshop uniting 28 leaders from business, government, NGO's and academia to improve economic opportunities in materials and energy symbiotic exchanges within the Northeast: Devens, MA.

1.08' – 4.08': Western New England College: Advisor – Advised senior level administrators and faculty/staff to improve campus operations with cost saving sustainability solutions: Springfield, MA.

4.08' – 7.08': Journal of Industrial Ecology at The Yale School of Forestry & Environmental Studies: Symposium Co-Organizer International Society of Industrial Ecology: Devens, MA.

10.08': Antioch University New England: Workshop Organizer and Host – Convened an expert panel discussion on building clean energy partnerships within New England: Keene, NH.

04' – 06': United States Department of Agriculture/Windham Solid Waste District: Waste Reduction and Regional Compositing Coordinator: Brattleboro, VT.

## **MANAGEMENT CONSULTANT (Continued):**

9.98' – 3.99': New Hampshire Business and Industry Association: Project Developer - Constructed an Online Energy, Waste, and Water Commercial Sector Tracking Tool sponsored by the New Hampshire Business and Industry Association: Concord, NH.

7.98': IBM: Co-Led a half day introductory training for engineers and managers on integrating principals of sustainable business into their total quality management practices: Boulder, CO.

10.97' – 9.98': Colorado Sustainability Project: Workshop Organizer and Advisor for an affiliate event of The President's Council on Sustainable Development: National Town Meeting for Sustainable Development: Denver, CO.

1.95' – 10.95': United States Geological Survey: Graduate Intern – Compiled well site data for the entire bedrock aquifer of NH developing an instructional user's guide for water quality analysis: Bow, NH.

## **VOLUNTEER:**

Massachusetts College of Liberal Arts – 93' Class Agent (2019-Present), The United Nations One Planet Network – Sustainable Business Expert for Millennium Development Goals (2019-Present), International Journal of Sustainable Strategic Management – Inderscience Publishers - Manuscript Reviewer (2018- Present), Journal of Cleaner Production - Elsevier Science - Manuscript Reviewer (2015- Present), Energy Efficiency - Springer Journals – Manuscript Reviewer (2015 – Present), International Journal of Family Business Management – Manuscript Reviewer (2017), The Salvation Army of the Northern Berkshires – Advisory Board Member & Elected Board Chairperson (2009-2013) – Episcopal Diocese of Western Massachusetts (2009) – Certified Lay Minister, Colorado Healthy Communities (1998) – Conference Discussion Leader, North Adams Help Line (1989) – Weekly telephone calls for supporting elderly & those in need, Christodora - Manice Education Center (1991) – Outdoor Education Specialist, Massachusetts College of Liberal Arts (1989-1991) – Cycling Club Vice President, Road Race Director, Student Senator, Earth Day Event Organizer, Team Facilitator for Student Leadership. Northern Berkshire Habitat for Humanity (1991) – Housing Revitalization Team Member, North Adams City Hall (1989) – Teen Jobs Coordinator, Boy Scouts of America (1987 – 1989) – Troop 88 North Adams, MA Assistant Scoutmaster.

## **1999 - 2012: GUEST PRESENTATIONS For GREEN BUSINESS PRACTICES:**

- Berkshire Community College Forums on Green Enterprise: Pittsfield, MA (2008 – 2010).
- Clark University Green MBA & Sustainability Luncheon Series: Worcester, MA (2010).
- Ramapo College Sharp Sustainability Center: Mahwah, NJ (2009).
- Bennington County Industrial Corporation: Bennington, VT (2009).
- Franklin County Chamber of Commerce (Breakfast Speaker): Greenfield, MA (2008).
- Berkshire County Energy Exposition (Featured Speaker): Lanesboro, MA (2009).
- Land Use Planning Board (Guest Speaker): East Hanover, NJ (2008)
- Bennington Rotary Club (Breakfast Speaker): Bennington, VT (2008).
- Peterborough Chamber of Commerce Public Festival (Keynote): Peterborough, NH (2008).
- Massachusetts College of Liberal Arts (Keynote Speaker): North Adams, MA (2008).
- Williams College Campus Sustainability Committee: Williamstown, MA (2006).
- Berkshire County Chamber of Commerce Green Business Forum: Pittsfield, MA (2005).
- Antioch University New England Environmental Studies Reunion: Keene, NH (2002).
- Colgate University Environmental Studies Department: Hamilton, NY (2001).
- Clark University "Env. Mgt. in Nepal": Worcester, MA (2001).
- Williams College Environmental Studies Log Lunch Series: Williamstown, MA (2001).
- The Minister of Population and Environment, The Minister of Industry, Commerce, & Supplies, 35 professionals, one high school class: Kathmandu, Nepal (2001).
- Massachusetts Office of Technical Assistance and Technology: Boston, MA (1999).

## **1989 - 2011: COMMUNITY BUILDING For SUSTAINABLE DEVELOPMENT:**

- Sustainable Energy Coalition 14<sup>th</sup> Congressional Energy EXPO: Washington, DC (2011).
- Gordon Research Conference on Industrial Ecology: New London, NH: (2002 & 2011)
- Global Environmental Management Initiative: Tools/Methods: Newark, NJ (2008).
- EPA Approaches to Environmental Management Systems: Washington, DC (2003).
- EPA Future Leaders Invitational Internship Conference: Washington, DC (2001).
- Colorado Sustainability Summit: Curriculum Development Coordinator: Golden, CO (1998).
- Colorado Healthy Communities: Sustainable Communities Facilitator: Denver, CO (1998).
- Project Adventure Low Ropes Outdoor Team Building Facilitator: Fishkill, NY (1997).
- Wilderness (SOLO) First Responder Certification in Backcountry Medicine (1996 & 2003).
- Massachusetts Dept. of Conservation & Recreation Park Interpreter: Pittsfield, MA (1995/2005).
- Sheep Hill Night Sky Interpreter: Williamstown, MA (2004-2006).
- Project Learning Tree Certification: Walden Pond, MA (1995).
- Forest Service (USDA) Firefighter & Youth at Risk Coordinator: Evanston, WY (1994).
- Leadership, Education, and Development Summer Intern: Williamstown, MA (1991).
- National Coalition Building Prejudice Reduction Peer Training: Williamstown, MA (1991).
- Habitat for Humanity Community Volunteer: North Adams, MA (1990).
- Earth Day City Clean Up Organizer: North Adams, MA (1989).

## **MEMBERSHIPS:**

Harvard Business School Association of Boston Executive Club Member (2022-Present). Williams College Faculty Club (2021-Present), In Touch The Professional Network (2021-Present), Arizona State University-J.Orin Edson Entrepreneurship + Innovation Institute – Venture Devil (2021 – Present), Cold Spring Area Chamber of Commerce (2018 – Present), National Small Business Association (Leadership Council, Environmental & Regulatory Affairs Committee, Small Business Technology Council (2018 – Present), American Sustainable Business Council (2018-2020), Advances in Cleaner Production Network (2015- Present), Toastmasters International (2005-2007), The Consulting Alliance of New York’s Capital Region (2017), International Society of Industrial Ecology (2008-2010, 2022- Present). United Nations Sustainable Development Goals Practitioner’s Network (2019 – Present).