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Education

Ph.D. Microbiology. 2004. Hebrew University of Jerusalem, Rehovot, Israel

Dissertation: "Shifts in plant-associated microbial populations mediated by compost."

M.S. Environmental Health Engineering. 1998. Northwestern University, Evanston, IL, USA

B.A. Earth and Environmental Sciences. 1995. Wesleyan University, Middletown, CT, USA

Professional and Academic Experience

- **Research Faculty**, Department of Oceanography, Florida State University, Tallahassee, FL Jan 2008 - present
- **Research Scientist**, SETI Institute, Mountain View, CA Feb 2007 – Nov 2007
- **Visiting Assistant Professor**, Department of Civil Engineering and Geological Sciences, University of Notre Dame, Notre Dame, IN Sept 2006 – Dec 2006
- **National Research Council (NRC) Postdoctoral Fellow**, NASA-Ames Research Center (ARC), Moffett Field, CA Sept 2004 – Aug 2006
- **Associate Consultant**, ENVIRON International Corporation, Northbrook, IL Dec 1998 – Apr 2000

Teaching Experience

- **Lecturer**, Florida State University Fall 2008
Course: *Marine microbial ecology* (graduate/undergraduate)
- **Visiting Assistant Professor**, University of Notre Dame Fall 2006
Courses: *Environmental microbiology* (graduate/undergraduate),
Molecular tools for environmental microbial ecology (Graduate)
- **Teaching Assistant**, Israeli Maritime College (Michmoret) 2000-2003
Course: *Marine microbiology* (Undergraduate)
- **Teaching Assistant**, Wesleyan University Fall 1995
Course: *Introductory Oceanography*

Publications

- **Green, S.J.**, Leigh, M.B. and Neufeld, J.D. [In revision] *Denaturing gradient gel electrophoresis (DGGE)*

- for microbial community analysis. In: Timmis, K.N. (ed) "Microbiology of Hydrocarbons, Oils, Lipids, and Derived Compounds". Springer (Heidelberg, Germany). Book chapter.
- **Green, S.J.**, Blackford, C., Bucki, P., Jahnke, L.L. and Prufert-Bebout, L. 2008. *A Salinity and Sulfate Manipulation of Hypersaline Microbial Mats Reveals Stasis in the Cyanobacterial Community Structure*. ISME Journal. 2:457-470.
 - Smith, J.M., **Green, S.J.**, Kelley, C.A., Prufert-Bebout, L., and Bebout, B.M. 2008. *Shifts in methanogen community structure and function associated with long-term manipulation of sulfate and salinity in a hypersaline microbial mat*. Environ. Microbiol. 10(2):386-394.
 - **Green, S.J.**, Michel, F.C. Jr., Hadar, Y. and Minz, D. 2007. *Contrasting patterns of seed and root colonization by bacteria from the genus Chryseobacterium and from the family Oxalobacteraceae*. ISME Journal. 1:291-299.
 - **Green, S.J.**, Inbar, E., Michel, F.C. Jr., Hadar, Y. and Minz, D. 2006. *Succession of bacterial communities during early plant development: transition from seed to root and effect of compost amendment*. Appl. Environ. Microbiol. 72:3975-3983.
 - **Green, S.J.** and Minz, D. 2005. *Suicide Polymerase Endonuclease Restriction (SuPER) – a novel technique for enhancing PCR amplification of minor DNA templates*. Appl. Environ. Microbiol. 71:4721-4727.
 - Inbar, E., **Green, S.J.**, Hadar, Y. and Minz, D. 2005. *Competing factors of compost concentration and proximity to root affect the distribution of streptomycetes*. Microb. Ecol. 50:73-81.
 - **Green, S.J.**, Michel, F.C. Jr., Hadar, Y. and Minz, D. 2004. *Similarity of bacterial communities in sawdust- and straw-amended cow manure composts*. FEMS Microbiol. Lett. 233:115-123.
 - **Green, S.J.**, Freeman, S., Hadar, Y. and Minz, D. 2004. *Molecular tools for isolate and community studies of Pyrenomyces fungi*. Mycologia. 96(3):439-451.
 - **Green, S.J.**, Minz, D., Stahl, D.A., Chen, Y., Lavin, C.A., and Cohen, Y. 1999. *Filamentous cyanobacteria in a microbial mat*. American Society of Microbiology Education Instructional Library. [<http://www.microbelibrary.org>]
 - Minz, D., Flax, J., **Green, S.J.**, Muyzer, G., Cohen, Y., Wagner, M., Rittmann, B.E. and Stahl, D.A. 1999. *Diversity of sulfate-reducing bacteria in oxic and anoxic regions of a microbial mat characterized by comparative analysis of dissimilatory sulfite reductase genes*. Appl. Environ. Microbiol. 65: 4666-4671.
 - Minz, D., Fishbain, S., **Green, S.J.**, Muyzer, G., Cohen, Y., Rittmann, B.E., and Stahl, D.A. 1999. *Unexpected population distribution in a microbial mat community: Sulfate-reducing bacteria localized to the highly oxic chemocline in contrast to a Eukaryotic preference for anoxia*. Appl. Environ. Microbiol. 65: 4659-4665.

Presentations

- Southeastern Ecology and Evolution Conference, Florida State University (Tallahassee, FL). 2008. **Green, S.J.**, Blake, D.F. and Blank, J.G. *A novel microbial mat developing in ophiolite-hosted moderately alkaline spring water*. **Microbial Ecology session moderator**

- University of Notre Dame, Department of Civil Engineering and Geological Sciences Seminar (Notre Dame, IN). 2007. **Green, S.J.** *Biogeochemistry and Microbial Ecology of Microbial Mats*.
- Israeli Society for Microbiology Annual Meeting (Beer-Sheva, Israel). 2007. Minz, D., **Green, S.J.**, Inbar, E., Bucki, P., Ofek, M., and Hadar, Y. *Interfering with plant-microbe interactions*.
- University of Notre Dame, Department of Biology Seminar Series (Notre Dame, IN). 2006. **Green, S.J.** *Ecology of sulfate-reducing prokaryotes in hypersaline microbial mats*.
- Roosevelt University, Science Day Seminar Series (Chicago, IL). 2006. **Green, S.J.** *Ecology of sulfate-reducing prokaryotes in hypersaline microbial mats*.
- The Geological Society of America Annual Meeting (Philadelphia, PA). 2006. Blank, J.G., Blake, D.F., **Green, S.J.**, Brinley, A.A., Jahnke, L.L., Kubo, M.D., Hoehler, T.M. and Des Marais, D.J. *Biogeochemistry of Ca-Mg carbonate cements associated with Ophiolite-hosted cold springs, Coast Range, California, USA*
- Loyola University Chicago, Department of Biology Seminar Series (Chicago, IL). 2006. **Green, S.J.** *Exploring modern microbe-only ecosystems for insights into ancient Earth: Biogeochemistry of hypersaline microbial mats*
- Astrobiology Science Conference (AbSciCon; Washington, D.C.). 2006. Jahnke, L.L., Embaye, T., and **Green, S.J.** *Cyanobacterial Biomarker Lipids in Hypersaline Microbial Mats and Environmental Adaptation*
- Astrobiology Science Conference (AbSciCon; Washington, D.C.). 2006. Smith, J.M., **Green, S.J.**, Moisaner, P., Roberts, K.J., Francis, C., Prufert-Bebout, L. and Bebout, B.M. *The molecular ecology of Guerrero Negro: Justifying the need for environmental genomics*.
- American Chemical Society National Meeting, Division of Geochemistry (Atlanta, GA). 2006. **Green, S.J.**, Jahnke, L.L., Smith, J.M., Hogan, M., Kelley, C., Bebout, B.M. and Prufert-Bebout, L. *Effect of sulfate manipulations on carbon cycling and microbial community structure in hypersaline microbial mats*
- Israeli Society for Microbiology Annual Meeting (Beer-Sheva, Israel). 2006. **Green, S.J.**, Jahnke, L.L., Smith, J.M., Hogan, M., Kelley, C., Bebout, B.M. and Prufert-Bebout, L. *Effect of sulfate and salinity manipulations on community structure of methanogenic and sulfate-reducing microorganisms in hypersaline microbial mats*
- International Society for Microbiology (ISME-10, Cancun, Mexico). 2004. **Green, S.J.**, Michel, F.C. Jr., Hoitink, H.A.J., Hadar, Y. and Minz, D. *All seed and root colonizing bacteria are not created equal: Linking seed and root microbial communities*
- International Society for Microbiology (ISME-10, Cancun, Mexico). 2004. **Green, S.J.** and Minz, D. *Suicide Polymerase Endonuclease Restriction (SuPER) PCR – A novel molecular microbiological method for detecting the hard to detect*
- 15th International Plant Protection Congress (Beijing, China). 2004. Hadar, Y., **Green, S.J.**, Inbar, E., Danon, M., Bucki, P., Minz, D. *Microbial communities involved in suppression of soil-borne pathogens by compost*
- Israeli Society for Ecology and Environmental Quality Conference (Tel Aviv, Israel). 2002. **Green, S.J.**, Inbar, E., Hadar, Y. and Minz, D. *Bacterial population shifts in the root and rhizosphere of plants*

grown in compost-amended potting mixtures

- International Symposium on Composting and Compost Utilization (Columbus, OH). 2002. Minz, D., **Green, S.J.**, Kautsky, L., Inbar, E., and Hadar, Y. *Effect of Compost Amendment on Microbial Community in Soil, Rhizosphere and Roots*

Abstracts and Poster Presentations

- Rogoff, D.A., Leuko, S., **Green, S.J.** and Rothschild, L.J. [In submission] *Salinity identification using pigment characterization of microbes over a gradient in the South San Francisco Bay Salt Ponds*. South Bay Science Symposium 2008. San Jose, CA.
- **Green, S.J.**, Blake, D.F., Blank, J.G. *Microbial Community Composition and Diversity in Unusual, Ophiolite-Hosted Alkaline Waters*. 2008. 108th General Meeting of the American Society for Microbiology, Boston, MA.
- **Green, S.J.**, Blake, D.F. and Blank, J.G. *A Novel Microbial Mat Developing in Ophiolite-hosted Moderately Alkaline Springwater*. 2008 Astrobiology Science Conference, Santa Clara, CA. *Astrobiology* 8(2): p380.
- Stuart, J., **Green, S.J.**, and Blank, J. *Dolomite Precipitation Experiments with Microbes and Alkaline Waters from the Del Puerto Ophiolite, California Coast Range USA*. 2008 Astrobiology Science Conference, Santa Clara, CA. *Astrobiology* 8(2): p415.
- Foster, J.S., **Green, S.J.**, Hetherington, K., Reid, R.P. and Bebout, L. *Evidence for Redundant Cyanobacterial Ecotypes in the Stromatolites of Highborne Cay, Bahamas*. 2008 Astrobiology Science Conference, Santa Clara, CA. *Astrobiology* 8(2): p380.
- Turk, K., **Green, S.J.**, Jahnke, L., Kubo, M., Parenteau, M.N., Vogel, M. and Des Marais, D. *Phylogenetic Analysis of Microbial Communities from Gypsum Precipitating Environments*. 2008 Astrobiology Science Conference, Santa Clara, CA. *Astrobiology* 8(2): p383.
- Turk, K.A., Jahnke, L.L., **Green, S.J.**, Kubo, M.D.Y., Vogel, M.B. and Des Marais, D.J. *Lipid and Phylogenetic Analysis of a Gypsum-hosted Endoevaporitic Microbial Community*. 2007 AGU Fall Meeting, San Francisco, CA.
- Foster, J.S., **Green, S.J.**, Hetherington, K. and Bebout, L. *Cyanobacterial diversity in marine stromatolites: role of multiple ecotypes*. 2007. Cyanobacterial Molecular Workshop, Delvan, WI.
- Read, B., **Green, S.J.** and Nerenberg, R. *Stimulating Denitrification in Agricultural Headwater Streams*. 107th General Meeting of the American Society for Microbiology. Toronto, Canada. 2007.
- Dudley, M.M., **Green, S.J.** and Nerenberg, R. *Determining the Cause of Chlorate Accumulation in Dechlorosoma HCAP-C, a Novel Perchlorate-Reducing Bacterium*. 107th General Meeting of the American Society for Microbiology. Toronto, Canada. 2007.
- Shea, C., **Green, S.J.** and Nerenberg, R. *Microbial Fuel Cells: Changes in Microbial Community Structure as a Function of Anode Potential*. 4th ASM Conference on Biofilms, Quebec City, Quebec, Canada.

2007.

- Martin, K., Downing, L.S., **Green, S.J.** and Nerenberg, R. *Microbial Ecology of Bromate Reduction in a Hydrogen-Oxidizing Biofilm*. 4th ASM Conference on Biofilms, Quebec City, Quebec, Canada. 2007.
- Downing, L.S., **Green, S.J.** and Nerenberg, R. *Performance and microbial ecology of the hybrid membrane biofilm process (HMBP) for concurrent nitrification and denitrification of wastewater*. 4th ASM Conference on Biofilms, Quebec City, Quebec, Canada. 2007.
- **Green, S.J.**, Smith, J.M., Hogan, M., Jahnke, L.L., Kelley, C., Bebout, B.M. and Prufert-Bebout, L. *Ecology of sulfate-reducing and methanogenic microorganisms in hyper-saline microbial mats subject to sulfate and salinity manipulations*. 11th International Symposium on Microbial Ecology, Vienna, Austria, 2006.
- Minz, D., **Green, S.J.**, Offek, M., Inbar, E., Michel Jr., F.C. and Hadar, Y. *Rhizosphere effect- same old movie, new special effects*. 11th International Symposium on Microbial Ecology, Vienna, Austria 2006.
- **Green, S.J.**, Smith, J.M., Hogan, M., Jahnke, L.L., Kelley, C., Bebout, B.M. and Prufert-Bebout, L. *Effect of salinity and sulfate manipulations on the community composition and structure of sulfate-reducing prokaryotes in a hypersaline microbial mat*. 106th General Meeting of the American Society for Microbiology. Orlando, FL. 2006.
- **Green, S.J.**, Jahnke, L.L., Smith, J.M., Bebout, B.M. and Prufert-Bebout, L. *Detecting microbial community response to experimental conditions in highly complex ecosystems*. Environmental Systems Microbiology Symposium (ESMS), Atlanta, GA. 2006.
- Minz, D., **Green, S.J.**, Inbar, E., Offek, M. and Hadar, Y. *Molecular look at the rhizosphere effect*. The Israeli Phytopathological Society Meeting, Bet Dagan. 2006.
- **Green, S.J.**, Minz, D., Cohen, Y., Rittmann, B.E., Stahl, D.A. and Muyzer, G. *Spatial and temporal distribution of sulfate reducing bacteria in a cyanobacterial mat: The peculiar case of Desulfonema*. Atlanta, GA. 2005.
- Minz, D., **Green, S.J.**, Bucki, P., Inbar, E. and Hadar, Y. *Compost interference with microbial community in soil, germinating seed, rhizosphere and root*. The Annual Meeting of the Israeli Society for Microbiology, Tel Aviv 2005.
- Minz, D., **Green, S.J.**, Inbar, E., Bucki, P., Offek, M. and Hadar, Y. *How does compost affect the microbial community in the rhizosphere?* The Annual Meeting of the Israeli Society for Ecology and Environmental Quality Sciences, Rehovot, 2005.
- Bucki, P., **Green, S.J.**, Inbar, E., Hadar, Y. and Minz, D. *The relationship between compost, plant pathogen and plant microbiology*. Israeli Society for Microbiology, Microbial Ecology Workshop, Dead Sea, 2004.
- Hadar, Y., **Green, S.J.**, Inbar, E., Danon, M., Bucki, P. and Minz, D. *Microbial communities involved in suppression of soil-borne pathogens by compost*. 15th international plant protection congress, China 2004.
- **Green, S.J.** and Minz, D. *Suicide polymerase endonuclease restriction (SuPER) PCR – a novel molecular*

- microbiological method for detecting the hard to detect*. 10th International Symposium on Microbial Ecology, Cancun, Mexico 2004.
- **Green, S.J.**, Michel Jr., F.C., Hoitink, H.A.J., Hadar, Y. and Minz, D. *All seed and root colonizing bacteria are not created equal: linking seed and root microbial communities*. 10th International Symposium on Microbial Ecology, Cancun, Mexico 2004.
 - Inbar, E., **Green, S.J.**, Bucki, P., Hadar, Y. and Minz, D. *Characterization of Actinobacteria and Streptomyces community structure in Pythium suppressive and non-suppressive compost-amended plant systems*. The Israeli Phytopathological Society Meeting, 2004.
 - Minz, D., **Green, S.J.**, Bucki, P., Inbar, E. and Hadar, Y. *Pathogen effects on the microbial ecology of the root and rhizosphere*. The Israeli Phytopathological Society Meeting, 2004.
 - Inbar, E., **Green, S.J.**, Bucki, P., Hadar, Y. and Minz, D. *Characterization of Streptomyces community structure in Pythium suppressive and non-suppressive compost-amended plant systems*. The Annual Meeting of the Israeli Society for Microbiology, 2004.
 - Minz, D., **Green, S.J.**, Bucki, P., Inbar, E. and Hadar, Y. *Molecular studies on the effect of compost on soil and plant-associated microbial communities*. The Annual Meeting of the Israeli Society for Microbiology, 2004.
 - Minz, D., **Green, S.J.**; Volpin, H., Rabinovich, L., Inbar, E., Kautsky, L., Pinhasi-Adiv, Y. and Hadar, Y. *Microbial degradation of organic matter in soil - the process and key-players*. International Symposium on Structure and Function of Soil Microbiota. Marburg, Germany. 2003.
 - **Green, S.J.**, Michel Jr., F.C., Hoitink, H.A.J., Hadar, Y., and Minz, D. *Unexpected dominance and dynamics of the root-associated bacterial family Oxalobacteraceae in compost amended plant systems*. International Symposium on Structure and Function of Soil Microbiota. Marburg, Germany. 2003.
 - **Green, S.J.**, Inbar, E., Michel Jr., F.C., Hoitink, H.A.J., Hadar, Y., and Minz, D. *Compost mediated shifts in plant associated bacterial communities monitored by PCR-DGGE analysis*. 103rd General Meeting of the American Society for Microbiology. Washington, D.C. 2003.
 - Inbar, E., **Green, S.J.**, Hadar, Y., and Minz, D. *Compost mediated changes in Streptomyces community in plant roots*. The Annual Meeting of the Israeli Society for Ecology and Environmental Quality Sciences, Tel Aviv, 2002.
 - **Green, S.J.**, Inbar, E., Hadar, Y., and Minz, D. *Modifications of plant-associated microbial communities following compost treatment*. The Annual Meeting of the Israeli Society for Ecology and Environmental Quality Sciences, Tel Aviv, 2002.
 - **Green, S.J.**, Inbar, E., Michel Jr., F.C., Hoitink, H.A.J., Hadar, Y., and Minz, D. *Compost-mediated shifts in plant-associated microbial communities monitored by PCR-DGGE Analysis*. International Symposium on Composting and Compost Utilization, Ohio. USA. 2002.
 - Minz, D., **Green, S.J.**, Kautsky, L., Inbar, E., and Hadar, Y. *Effect of compost amendment on microbial communities in soil, rhizosphere and roots*. International Symposium on Composting and Compost

utilization, Ohio, 2002.

- **Green, S.J.**, Chen, Y., Lavin, C.A., Cohen, Y., Muyzer, G., Stahl, D.A. and Minz, D. *Hypersaline microbial mats: analysis by scanning electron microscopy and molecular tools*. The Annual Meeting of the Israeli Society for Microbiology, 2002.
- Minz, D., **Green, S.J.**, Kautsky, L., Inbar, E. and Hadar, Y. *Effect of compost amendment on microbial community composition and function in soil, rhizosphere and roots*. The Annual Meeting of the Israeli Society for Microbiology, 2002.
- **Green, S.J.**, Inbar, E., Hadar, Y. and Minz, D. *Introduction of microbial populations to root and rhizosphere by compost amendment*. 3rd congress of Israel Societies of Experimental Biology (FISEB), 2002.
- **Green, S.J.**, Freeman, S., Hadar, Y. and Minz, D. *Molecular tools for the study of Pyrenomycete fungi: pure culture and environmental applications*. 9th International Symposium on Microbial Ecology, Amsterdam, Holland, 2001.
- **Green, S.J.**, Freeman, S., Hadar, Y., Minz, D. *Molecular tools for the characterization of fungal isolates and environmental fungal populations*. The Annual Meeting of the Israeli Society for Microbiology, 2001.
- **Green, S.J.**, Chen, Y., Lavin, C., Fishbain, S., Flax, J., Stahl, D.A., Minz, D., and Cohen, Y. *Chemical, physical and biological characterization of a hypersaline microbial mat: Utility of microbial mats for bioremediation*. Meeting of the center for catalysis and surface sciences. Evanston, IL. U.S.A. 1998.
- Cohen, Y., Minz, D., **Green, S.J.**, Yaari, G., Aizenshtat, Z., Muyzer, G., Brittmann, B.E. and Stahl, D.A. *Bioremediation of crude oil by hypersaline cyanobacterial mats*. 8th International Symposium on Microbial Ecology. Halifax, Nova Scotia, Canada. 1998.
- Minz, D., **Green, S.J.**, Muyzer, G., Cohen, Y., Brittmann, B.E. and Stahl, D.A. *Molecular characterization of diurnal changes in microbial mat populations*. 8th International Symposium on Microbial Ecology. Halifax, Nova Scotia, Canada. 1998.
- Minz, D., **Green, S.J.**, Muyzer, G., Cohen, Y., Brittmann, B.E. and Stahl, D.A. *Molecular characterization of diurnal changes in microbial mat populations*. 6th European Marine Microbiology Symposium. Sitges, Spain, 1998.
- Minz, D., **Green, S.J.**, Muyzer, G., Cohen, Y., Brittmann, B.E. and Stahl, D.A. *Characterization of diurnal changes in a marine microbial mat community*. The Annual Meeting of the Israeli Society for Microbiology, 1998.
- **Green, S.J.**, Rubenstein, H. and O'Connell, S. 1995. *Side-scan survey results from Norwalk Harbor: North-shore of Long Island Sound*. Geological Society of America Meeting, Connecticut, 1995.

Manuscripts in preparation / Non-peer reviewed publications

- **Green, S.J.** and Jahnke, L.L. [In preparation] *Experimental manipulations of microbial mats: A view to*

paleo-microbial ecosystems. In: Seckbach, J. and Oren, A. (eds) "Microbial Mats" Springer-Verlag. Book Chapter.

- Akob, D.M., Humphrys, M.S., **Green, S.J.**, Chin, K.-J., Kerkhof, L., Kusel, K., Watson, D.B., Palumbo, A.V. and Kostka, J.E. [In preparation] *Metabolically active bacteria controlling U(VI) bioimmobilization in contaminated subsurface sediments*.
- Foster, J.S., **Green, S.J.**, Hetherington, K.L., Ahrendt, S., Golubic, S., Reid, R.P., and Prufert-Bebout, L. [In preparation] *Cyanobacterial diversity in a transitional marine stromatolite*.
- **Green, S.J.** 2006. A Guide to Denaturing Gradient Gel Electrophoresis. Online publication: <http://ddgehelp.blogspot.com/>
- Minz, D., Offek, M., **Green, S.J.**, Bucki, P., Inbar, E., Kautsky, L. and Hadar, Y. 2006. *Molecular Approaches in Microbial Ecology*. Mashov LeChaklout 209:30-34. (Hebrew)

Funded Research

- Jahnke, L.L. (PI), Des Marais, D.J., Farmer, J., **Green, S.J.**, Kubo, M., Turk, K. and Vogel, M. (Co-Investigators). 2008. Organic Biomarkers: Community Diversity and Preservation in Silica-Rich Hydrothermal Systems with Implications to Mars. NASA Exobiology – Evolutionary Biology Grant. (0.05 WY)

Honors and Awards

- Israeli Society of Soil Science Mokady Award for Doctoral Thesis
- Best Poster Award, 2004 International Symposium on Microbial Ecology (ISME-10, Cancun, Mexico)
- American Society for Microbiology Student Travel Grant (2003)
- Rieger Foundation Fellowship - Jewish National Fund Program for Environmental Studies (2001 and 2002)
- The Baron de Hirsch Foundation Fellowship, 2001
- FEMS Young Scientist Travel Grant, 2001
- Walter P. Murphy Graduate Fellowship at Northwestern University, 1995

Mentoring

- Department of Oceanography, Florida State University
 - Puja Jasrotia, Ph.D. student
 - Will Overholt, Oceanography undergraduate
- SETI Institute, Mountain View, CA
 - Joshua Stuart, King College, Research Experience for Undergraduates (REU) program

- NASA Ames Research Center, Moffett Field, CA
 - Dana Rogoff, master's degree student at the University of San Francisco
 - Alaina Brinley, Kalamazoo College and Jennifer Hansen, Carthage College, REU program
- Hebrew University of Jerusalem, Rehovot, Israel
 - Ehud Inbar, master's degree student at Hebrew University

Affiliations/Memberships

- Sigma Xi, Elected 1995
- American Society for Microbiology
- International Society for Microbiology

Journal Reviews

- Applied and Environmental Microbiology
- Applied Microbiology and Biotechnology
- FEMS Microbiology Letters
- Journal of Geophysical Research – Biogeosciences
- Microbial Ecology