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**Degrees:** Ph.D. 1978 - University of Notre Dame  
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**Archival Publications** (*last 10 publications, with 57 total refereed publications*):

1. LaPara, T.M., Nakatsu, C. H., Pantea, L.M., and Alleman, J.E., "Stability of the Bacterial Communities Supported by a Seven-Stage Biological Process Treating Pharmaceutical Wastewater as Revealed by PCR-DGGE," *Water Research*, 36, 6, 638-646, 2002.
2. Alleman, J.E., "FSWA-WPCF-WEF History: 1928-1940," *Water Environment Technology*, 14, 34-38, 2002.
3. LaPara, T. M., Konopka, A., Nakatsu, C. H., and Alleman, J. E., "Thermophilic Aerobic Treatment of a Synthetic Wastewater in a Membrane-Coupled Bioreactor," *Journal of Industrial Microbiology and Biotechnology*, 26, 3, 203-209, 2001.
4. LaPara, T.M., Konopka, A. and Alleman, J.E., "Aerobic Biological Treatment of a Pharmaceutical Wastewater: Effect of Temperature on COD Removal and Bacterial Community Development," *Water Research*, 35, 10, 4417-4425, 2001.
5. Guest, C.A., Johnston, C.T., King, J.J., Alleman, J.E., Tishmack, J.K., and Norton, L.D., "Chemical Characterization of Synthetic Soil from Composting Coal Combustion and Pharmaceutical By-Products," *Journal of Environmental Quality*, 30, 1, 246-253, 2001.
6. LaPara, T. M., Konopka, A. Nakatsu, C. H., and Alleman, J. E., "Effects of Elevated Temperature on Bacterial Community Structure and Function in Bioreactors Treating a Synthetic Wastewater," *Journal of Industrial Microbiology and Biotechnology*, 24, 2, 140-145, 2000.
7. LaPara, T. M., Nakatsu, C. H., Pantea, L.M., and Alleman, J. E., "Phylogenetic Analysis of Bacterial Communities in Mesophilic and Thermophilic Bioreactors Treating Pharmaceutical Wastewater," *Applied Environmental Microbiology*, 66, 9, 3951-3959, 2000.
8. LaPara, T.M., Alleman, J.E., and Pope, P. G., "Miniaturized Closed Reflux, Colorimetric Method for the Determination of Chemical Oxygen Demand," *Waste Management*, 20, 295-298, 2000.
9. LaPara, T.M., Konopka, A. and Alleman, J.E., "Energy Spilling by Thermophilic Aerobes During Potassium-Limited Culture," *Water Research*, 34, 10, 2723-2726, 2000.
10. LaPara, T.M., Konopka, A., Nakatsu, C.H., and Alleman, J.E., "Thermophilic Aerobic Wastewater Treatment in Continuous-Flow Bioreactors," *Journal of Environmental Engineering, ASCE*, 126, 8, 739-744. 2000.

**Research Interests:** Wastewater treatment, biosolids reuse and management, waste bioassay evaluation, nutrient removal, and environmental engineering history

**Students Advised:** PhD - 12; MS - 45

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