

UNT SEMINAR

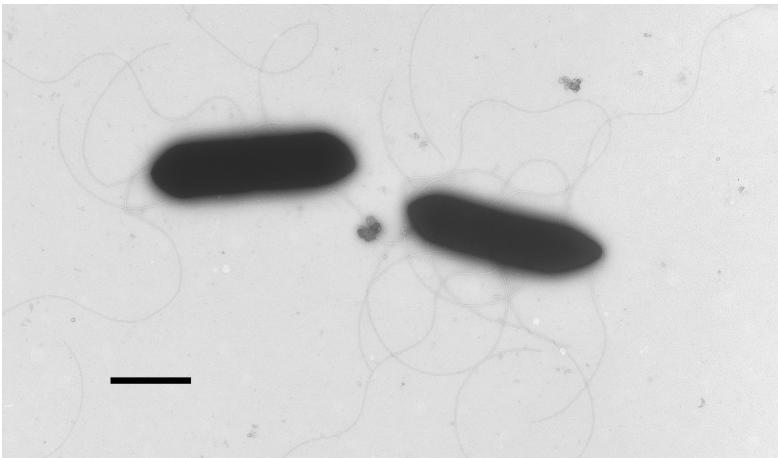
Presented by the Department of Biological Sciences

Dr. Ralph Tanner

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Energy Independence - Microbial Solutions



Ralph Tanner has been working with acetogens, in both the public and private sector, for over 35 years. While these bacteria normally just produce acetic acid, some were found to be able to produce ethanol from synthesis gas (CO) in a process

called indirect fermentation of biomass. Now nearing commercialization of this 10 years+ project, the Tanner group has branched into production of biobutanol and biohydrogen. Renewable biofuels are here now and more attractive, both economically and socially, microbially-based biofuels will arrive in the near future. Their work has been supported by the USDA, DOE, NSF and the Oklahoma Bioenergy Center.

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