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### **Appointments:**

- 2011-Pres. Director, Microbial Biology Graduate Program, Rutgers University
- 2010-Pres. Distinguished Professor, Department of Biochemistry and Microbiology, Rutgers U.
- 2003-08 Director, Biotechnology Center for Agriculture and the Environment, Rutgers U.
- 2001-03 Acting Director, Biotechnology Center for Agriculture and the Environment
- 2001-10 Professor of Biochemistry and Microbiology, Biotechnology Center for Agriculture and the Environment, Rutgers University
- 1996-01 Associate Professor of Biochemistry and Microbiology, Biotechnology Center for Agriculture and the Environment, Rutgers University
- 1995-10 Director, School of Environmental and Biological Sciences Biotech Core Facility
- 1990-96 Assistant Professor of Biochemistry and Microbiology, Biotechnology Center for Agriculture and the Environment, Rutgers University
- 1990-10 Resident Member, Biotechnology Center for Agriculture and the Environment, Rutgers University
- 1988-90 Postdoctoral Research Associate, Department of Microbiology, University of Iowa, Iowa City (Advisor: D. T. Gibson)
- 1987-88 Postdoctoral Research Associate, Department of Microbiology, University of Texas at Austin (Advisor: D. T. Gibson)

### **Education:**

- 1981-87 Ph.D., Cellular and Molecular Biology, The University of Michigan Medical School, Ann Arbor (Advisor: R. H. Olsen)
- 1977-81 B.S., Biology, Calvin College, Grand Rapids, MI

### **Publications:**

- Stedtfeld, R. D., T. M. Stedtfeld, H. Waseem, M. Fitschen-Brown, X. Guo, B. Chai, M. R. Williams, T. Shook, A. Logan, A. Graham, J. C. Chae, W. J. Sul, J. VanHouten, J. R. Cole, G. J. Zylstra, J. M. Tiedje, B. L. Upham, and S. A. Hashsham. 2017. Isothermal assay targeting class 1 integrase gene for environmental surveillance of antibiotic resistance markers. *J Environ Manage* 198:213-220.
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- Masuda, H., K. McClay, R. J. Steffan, and G. J. Zylstra. 2012. Biodegradation of tetrahydrofuran and 1,4-dioxane by soluble diiron monooxygenase in *Pseudonocardia* sp. strain ENV478. J. Mol. Microbiol. Biotechnol. 22:312-316.
- Chang, H. K., G. J. Zylstra, and J.-C. Chae. 2012. Genome sequence of *n*-alkane degrading *Hydrocarboniphaga effusa* strain AP103T (ATCC BAA-332T). J. Bacteriol. 194:5120.
- Yoo, M., D. Kim, K. Y. Choi, J.-C. Chae, G. J. Zylstra, and E. Kim. 2012. Draft genome sequence and comparative analysis of the superb aromatic hydrocarbon degrader *Rhodococcus* sp. strain DK17. J. Bacteriol. 194:4440.
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- Callaghan, A. V., B. E. L. Morris, I. A. C. Pereira, M. J. McInerney, R. N. Austin, J. T. Groves, J. J. Kukor, J. M. Suflita, L. Y. Young, G. J. Zylstra, and B. Wawrik. 2012. The genome sequence of *Desulfatibacillum alkenivorans* AK-01: a blueprint for anaerobic alkane oxidation. Env. Microbiol. 14:101-13.
- Kim, D., M. Yoo, K. Y. Choi, B. S. Kang, T. K. Kim, S. G. Hong, G. J. Zylstra, and E. Kim. 2011. Differential degradation of bicyclics with aromatic and alicyclic rings by *Rhodococcus* sp. strain DK17. Appl. Environ. Microbiol. 77:8280-8287.
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