

Biographical Sketch - Kobayashi

Donald Y. Kobayashi, Professor and Chair

Department of Plant Biology
School of Environmental and Biological Sciences - Foran Hall
Rutgers, The State University of New Jersey
59 Dudley Road
New Brunswick, NJ 08901-8520

Education

Ph.D. 1988, Plant Pathology; University of California, Riverside
B.S. 1983, Microbiology; University of Washington

Appointments

Professional titles:

1991-Present: Faculty Member, Center for Turfgrass Science, Rutgers University
2008-present: Professor, Department of Plant Biology & Pathology, Rutgers University
1996-2008: Associate Professor, Department of Plant Biology & Pathology, Rutgers University
1990-1996: Assistant Professor, Department of Plant Pathology, Rutgers University
1990 (Mar-Aug): Postdoctoral Research Scientist, Department of Molecular Biology, University of Wyoming, Laramie, WY (M.M. Stayton, advisor)
1988-1990: Associate Research Scientist, Division of Microbial Pesticides, DNA Plant Technology, Inc., Oakland, CA (T.V. Suslow, Division Leader)
1983-1988: Graduate Research Assistant, Department of Plant Pathology, University of California, Riverside, CA (N.T. Keen, advisor)

Professional Appointments:

2016-Present: Chair, Department of Plant Biology, School of Environmental and Biological Sciences, Rutgers University
2013-2016: Director, Undergraduate Program in Plant Science, School of Environmental and Biological Sciences, Rutgers University
2014-2015: Director, Undergraduate Program in Biotechnology, School of Environmental and Biological Sciences, Rutgers University
2014-2015: Director, Undergraduate Program in Agriculture and Food Systems, School of Environmental and Biological Sciences, Rutgers University
2009-2014: Associate Director, Undergraduate Program in Biotechnology; School of Environmental and Biological Sciences, Rutgers University
2012-2016: Executive Committee member, Department of Plant Biology & Pathology, School of Environmental and Biological Sciences, Rutgers University

TEACHING

Courses:

Principles of Botany: 200 level, 3 cr introductory lecture course requirement for undergraduate plant science majors.

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Molecular Genetics Laboratory: 400 level, 4 cr junior level lecture/laboratory course for undergraduate biotechnology majors.

Core Seminar in Plant Biology -- Plant Pathology Core Seminar III: Introductory literature-based seminar course for students in Plant Biology Graduate Program.

Academic Advising:

Undergraduate Program in Biotechnology - plant biotechnology option

Undergraduate Program in Plant Science - General research option

SYNERGISTIC ACTIVITIES

2006-2008: Senior Editor, Phytopathology (International flagship journal of the American Phytopathological Society)

2000-2002: Associate Editor, Phytopathology

Ad hoc scientific journal manuscript reviewer (35+ titles)

Grant Review Panel Member:

California Department of Food and Agriculture (Viticulture and Enology: Pierce's Disease and Glassy Winged Sharp Shooter)

USDA National Institute of Food and Agriculture (NIFA): Microbial Communities in Soil

USDA CSREES NRICGP (3): Biologically-Based Pest Management; Plant Pathology; Biology of Host/Microbe Interactions

USDA Initiative for the Future of Agricultural Food Systems (IFAFS): Plant Genomics, Microbial Genomics and Informatics

SCHOLARLY ACTIVITIES

Publication

PUBLICATIONS

Patel, N., Kobayashi, D.Y., Noto, A.J., Baldwin, A.C., Simon, J.E., Wyenandt, C.A. 2019. First Report of *Pseudomonas cichorii* causing Bacterial Leaf Spot on Sweet Basil (*Ocimum basilicum*) in New Jersey. Plant Dis.: In press. PDIS-04-19-0895-PDN.R1.

Patel, N., Baldwin, A., Patel, R., Kobayashi, D.Y., Wyenandt, C.A. 2018. First report of *Dickeya dianthicola* causing blackleg and soft rot on potato in New Jersey, USA. Plant Dis.: DOI 10.1094/PDIS-05-18-0775-PDN.

Saraihom, S., Kobayashi, D.Y., Lotrakul, P., Prasongsuk, S., Eveleigh, D.E., and Punnapayak, H. 2016. First report of a tropical Lysobacter enzymogenes producing bifunctional endoglucanase activity towards carboxymethylcellulose and chitosan. Ann. Microbiol. 66:906-919 DOI: 10.1007/s13213-015-1170-6.