

STANFORD UNIVERSITY SCHOOL OF MEDICINE
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DARIA MOCHLY-ROSEN
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September 27, 2005

Yves Brun
Systems Biology/Microbiology Faculty Search
Indiana University
Department of Biology
Jordan Hall 142
1001 E. 3rd Street
Bloomington, IN 47405-7005

Re: Dr. Joseph Pomerening

Dear Dr. Brun,

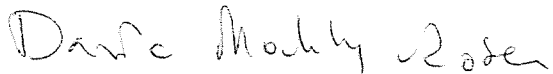
It is a pleasure to recommend Dr. Joseph Pomerening for the position of Assistant Professor in the Department of Biology at Indiana University. Dr. Pomerening obtained his Ph.D. at the University of Illinois and joined the Department of Molecular Pharmacology at Stanford University School of Medicine in 2000. I first met Joe when he joined our department as a postdoctoral fellow in the lab of Dr. James Ferrell. Since joining our department, he has blossomed into an outstanding scientist, working at the interface between experimental and computational biology.

Since joining Dr. Ferrell's lab, Joe has demonstrated that Cdc2 activation is driven by a bistable system through experiments in *Xenopus* egg extracts. This is a discovery of great importance; with critical implications for our understanding of biochemical oscillators- Joe's work means that the *Xenopus* mitotic oscillator, like the action potential, is a particular type of oscillator termed a "relaxation oscillator." Attesting to the importance of these findings, Joe's work has been published in *Nature Cell Biology*, *Molecular Genetics and Genomics* and two other papers have recently been submitted to *Cell and Science*.

I have heard Joe present his research findings at our weekly departmental seminars and at our annual departmental retreat. His presentations are always most impressive. He displays a great talent to explain complex concepts in a crystal clear way and makes the attendees feel that no question is too basic. These are all signs of a true teacher and an outstanding scientist.

In summary, I believe that Joe's potential for success is high. He is creative, eager to help others and has an altogether "can-do" attitude. He is extremely energetic and engaging and has shown great leadership skills in the context of the department as a whole. All of these skills indicate that a promising scientific future awaits Dr. Pomerening and therefore I recommend him for this position with enthusiasm and without reservations.

Yours sincerely,

A handwritten signature in cursive script that reads "Daria Mochly-Rosen".

Daria Mochly-Rosen, Ph.D.
Professor and Chair, Dept. of Molecular Pharmacology
Professor, by courtesy, Dept. of Neurosurgery
The George D. Smith Professor in Translational Medicine
Stanford University School of Medicine