

CHEMICAL HERITAGE FOUNDATION

DOUGLAS R. KELLOGG

The Pew Scholars Program in the Biomedical Sciences

Transcript of an Interview
Conducted by

William Van Benschoten

at

University of California, Santa Cruz
Santa Cruz, California

on

13 and 17 January 2005

From the Original Collection of the University of California, Los Angeles

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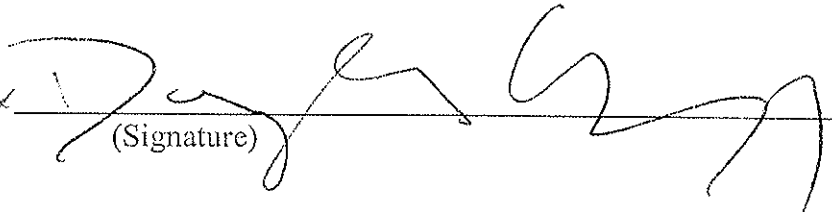
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Professional Experience

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1998-2000 University of California Biotechnology Training Program (Grant shared
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1998-2002 Pew Scholar in the Biomedical Sciences

Selected Publication

McCusker, D., Egelhofer, T., Anderson, S., Yates J., Kellogg D. R. 2005. Cdk1-dependent control of polarized cell growth. Currently being reviewed at Nature.
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ABSTRACT

Douglas R. Kellogg grew up in St. Paul, Minnesota, the second oldest of four children. He had an early interest in reading, and took classes with several influential teachers. Kellogg first chose the University of Minnesota for his undergraduate studies, but after a summer job in Alaska, he transferred to University of Wisconsin, Madison. He always had an interest in and affinity for biology; between undergraduate and graduate school, Kellogg worked as a lab technician on *Drosophila* genetics, influencing the path of his future research interests and studies. There was no doubt in his mind that he would become a biologist.

Kellogg chose to attend the University of California, San Francisco to pursue his graduate degree, working in Bruce M. Alberts's laboratory studying pattern formation in *Drosophila* embryo cytoskeleton. After completing his doctoral degree, he decided to stay in San Francisco for a postdoctoral position with Andrew W. Murray and researched the role of mitotic cyclin in coordination of cell growth and cell division. After his postdoc, Kellogg took a position at the University of California, Santa Cruz, where his research has focused on cell-signaling biochemistry in the coordination, division, and regulation of cell growth. In the interview, he spoke at length about the makeup of his lab and how he manages and teaches in the lab. Kellogg also reflects upon the role of technology, critical inquiry, competition, collaboration and creativity in his research and in his science in general. The interview concludes with a discussion of the role of the scientist in educating the public about science, and how this factors in to setting his own and the national scientific agenda; he also offers advice for beginning scientists, and reflects on his favorite scientific papers.

UCLA INTERVIEW HISTORY

INTERVIEWER:

William Van Benschoten, Interviewer, UCLA Oral History Program; B.A., History, University of California, Riverside, 1990; M.A., History, University of California, Riverside, 1991; C.Phil., History, University of California, Los Angeles, 1995.

TIME AND SETTING OF INTERVIEW:

Place: Kellogg's office at the University of California, Santa Cruz.

Dates of sessions: January 13, 2005; January 17, 2005.

Total number of recorded hours: 3.5

Persons present during interview: Kellogg and Van Benschoten.

CONDUCT OF INTERVIEW:

This interview is one in a series with Pew Scholars in the Biomedical Sciences conducted by the UCLA Oral History Program in conjunction with the Pew Charitable Trusts's Pew Scholars in the Biomedical Sciences Oral History and Archives Project. The project has been designed to document the backgrounds, education, and research of biomedical scientists awarded four-year Pew scholarships since 1988.

To provide an overall framework for project interviews, the director of the UCLA Oral History Program and three UCLA faculty project consultants developed a topic outline. In preparing for this interview, Van Benschoten held a telephone preinterview conversation with Kellogg to obtain written background information (curriculum vitae, copies of published articles, etc.) and agree on an interviewing schedule. He also reviewed documentation in Kellogg's file at the Pew Scholars Program office in San Francisco, including Kellogg's proposal application, letters of recommendation, and reviews by Pew Scholars Program national advisory committee members.

ORIGINAL EDITING:

Carol Squires edited the interview. She checked the verbatim transcript of the interview against the original tape recordings, edited for punctuation, paragraphing, and spelling, and verified proper names. Words and phrases inserted by the editor have been bracketed.

Kellogg reviewed the transcript. He verified proper names and made minor corrections and additions.

Carol Squires prepared the table of contents and TechniType Transcripts compiled the guide to proper names.

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