
Guide to the Corwin Hansch Collection

Finding aid created by Jamie Weber

Pomona College Archives

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Corwin Hansch Collection

Collection number: PC.0019

Pomona College Archives
Claremont, California

Processed by:

Jamie Weber

Date Completed:

2012

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Descriptive Summary

Title:

Corwin Hansch Collection

Date (bulk):

Bulk, 1980-2009

Dates (inclusive):

1964-2009

Collection number:

PC. 0019

Creator:

Hansch, Corwin, 1918-2011

Extent:

6.25 linear feet (6 boxes)

Repository:

Pomona College. Pomona College Archives. Claremont, CA 91711

Abstract:

This collection contains article reprints, correspondence with colleagues at universities and pharmaceutical laboratories, slides of computer-generated molecular models, grant proposals, and awards.

Physical location:

Please consult repository.

Language(s):

English

Access

Collection open for research.

Publication Rights

All requests for permission to publish must be submitted in writing to the Archives.

Preferred Citation

[Identification of item], Corwin Hansch Collection, Pomona College Archives. Pomona College. Claremont, CA 91711

Acquisition

Gift from Gloria Hansch, 2011 (P2011.010).

Biography

Corwin H. Hansch (1918-2011) was a Professor of Chemistry at Pomona College from 1946 until 1988, and founder of Quantitative Structure Activity Relationships (QSAR). Corwin Hansch received his B.S. in Chemistry from the University of Illinois and his Ph.D. from New York University. After a brief period of postdoctoral work at the University of Illinois, Chicago, he worked on the

Manhattan Project at the University of Chicago and at DuPont Nemours in Richland, Washington. After World War II ended, he took a position as a research chemist at DuPont but left shortly thereafter, coming to Pomona College in 1946. After arriving at Pomona, he began work on the correlation of biological activity with chemical structure, which led to the development of his seminal work in QSAR. He came to be recognized as the "father of computer-assisted molecular design," and the methodology that he spawned is now utilized in most pharmaceutical and biotechnology companies.

Scope and Content of Collection

The collection contains reprints of Hansch's articles published between 1962 and 2009, correspondence between Hansch and colleagues at other institutions, slides of computer-generated molecular models, grant proposals for research projects conducted in 1997 and 2001, and plaques and certificates awarded him by American and international chemical societies.

Series Arrangement

Series 1: Article reprints

Series 2: Correspondence

Series 3: Slides

Series 4: Awards and certificates

Accruals

No further accruals are expected.

Indexing Terms

Hansch, Corwin (1918-2011)

QSAR (Biochemistry)

Chemistry, Organic.

Pomona College (Claremont, Calif.)

Series 1: Article Reprints, 1962-2009, not dated

Box 1, Folder 1	Article reprints, 1962 - 1964
Box 1, Folder 2	Article reprints, 1965
Box 1, Folder 3	Article reprints, 1966
Box 1, Folder 4	Article reprints, 1967
Box 1, Folder 5	Article reprints, 1968
Box 1, Folder 6	Article reprints, 1969
Box 1, Folder 7	Article reprints, 1970
Box 1, Folder 8	Article reprints, 1971
Box 1, Folder 9	Article reprints, 1972-1973
Box 1, Folder 10	Article reprints, 1974
Box 1, Folder 11	Article reprints, 1975
Box 1, Folder 12	Article reprints, 1976
Box 1, Folder 13	Article reprints, 1977
Box 1, Folder 14	Article reprints, 1978
Box 1, Folder 15	Article reprints, 1979
Box 1, Folder 16	Article reprints, 1980
Box 1, Folder 17	Article reprints, 1981
Box 1, Folder 18	Article reprints, 1982
Box 1, Folder 19	Article reprints, 1983
Box 1, Folder 20	Article reprints, 1984
Box 1, Folder 21	Article reprints, 1985
Box 1, Folder 22	Article reprints, 1986
Box 1, Folder 23	Article reprints, 1987
Box 1, Folder 24	Article reprints, 1988
Box 1, Folder 25	Article reprints, 1989
Box 1, Folder 26	Article reprints, 1990
Box 1, Folder 27	Article reprints, 1991
Box 1, Folder 28	Article reprints, 1992
Box 1, Folder 29	Article reprints, 1993
Box 1, Folder 30	Article reprints, 1994
Box 2, Folder 1	Article reprints, 1995
Box 2, Folder 2	Article reprints, 1995
Box 2, Folder 3	Article reprints, 1996
Box 2, Folder 4	Article reprints, 1997
Box 2, Folder 5	Article reprints, 1998

Box 2, Folder 6	Article reprints, 1999
Box 2, Folder 7	Article reprints, 2000
Box 2, Folder 8	Article reprints, 2001
Box 2, Folder 9	Article reprints, 2001
Box 2, Folder 10	Article reprints, 2002
Box 2, Folder 11	Article reprints, 2003
Box 2, Folder 12	Article reprints, 2004
Box 2, Folder 13	Article reprints, 2004
Box 2, Folder 14	Article reprints, 2005
Box 2, Folder 15	Article reprints, 2006
Box 2, Folder 16	Article reprints, 2007
Box 2, Folder 17	Article reprints, 2008
Box 2, Folder 18	Article reprints, 2009
Box 2, Folder 19	Article reprints, not dated
Box 2, Folder 20	Notes, 1992, 1998-1999, not dated
Box 2, Folder 21	Article drafts, 2003-2004, not dated

Series 2: **Correspondence, 1988-2003, not dated**

Box 3, Folder 1	Correspondence A, 1989-2000
Box 3, Folder 2	Correspondence B, 1990-2001
Box 3, Folder 3	Correspondence C, 1989-2000
Box 3, Folder 4	Correspondence D, 1989-1999
Box 3, Folder 5	Correspondence E, 1988-2001
Box 3, Folder 6	Correspondence F, 1988-2000
Box 3, Folder 7	Correspondence G, 1989-2002
Box 3, Folder 8	Correspondence H, 1989-2002
Box 3, Folder 9	Correspondence I, 1989-1997
Box 3, Folder 10	Correspondence J 1989-1997
Box 3, Folder 11	Correspondence K 1989-2001
Box 3, Folder 12	Correspondence L 1989-2000
Box 3, Folder 13	Correspondence M 1989-2000
Box 3, Folder 14	Correspondence N 1989-1998
Box 3, Folder 15	Correspondence O 1989-1998
Box 3, Folder 16	Correspondence P 1988-2003
Box 3, Folder 17	Correspondence R 1989-2000
Box 3, Folder 18	Correspondence S 1991
Box 3, Folder 19	Correspondence S 1992-2000
Box 3, Folder 20	Correspondence T 1983, 1988-2000
Box 3, Folder 21	Correspondence U-V 1988-1993, 1996, 1998
Box 3, Folder 22	Correspondence W 1989-1999
Box 3, Folder 23	Correspondence Y-Z 1989-2001
Box 3, Folder 24	"Toward a Predictive Toxicology" grant proposal, 2001
Box 3, Folder 25	"Discovery of cdk inhibitors as anti-tumor agents" grant proposal, 1997
Box 3, Folder 26	"Predictive Toxicology: QSAR and bioinformatics" grant proposal, 2001

Series 3: **Slides, 1981-1989, not dated**

Box 4, Folder 1	Thermolysin and Trypsin, 1986, not dated
Box 4, Folder 2	Alcohol dehydrogenase, 1984-1985, not dated
Box 4, Folder 3	Dichlorophthalic anhydride, Cysteine protease domain, Alcohol dehydrogenase, and Concanavalin, 1983-1984, not dated
Box 4, Folder 4	Subtilisin, Concanavalin, and Elastase, 1984, 1986, not dated
Box 4, Folder 5	Papain tetra and Actinidin, 1981-1987, not dated
Box 4, Folder 6	Carbonic Anhydrase and Chymotrypsin, 1984, 1987, not dated
Box 4, Folder 7	Chymotrypsin, Carbonic anhydrase, DHFR+TMP, L.casei, and Triazine, 1981-1983, 1986, not dated
Box 4, Folder 8	E. coli, 2+TMP, Tyrazine, L. casei, Papain tetra, and Tetroxoprim, 1981-1983, 1985, 1989, not dated
Box 4, Folder 9	L. casei, Triazine, Trimethoprim, and DHFR, 1981-1984, 1986, 1989, not dated
Box 5, Folder 1	Molecular models, not dated
Box 5, Folder 2	Lecture Slides, not dated
Box 5, Folder 3	Lecture Slides, not dated
Box 5, Folder 4	Lecture Slides, not dated

Series 4: **Awards and Certificates,**

Box 6	Certificates and plaques awarded to Corwin Hansch, 1969, 1975, 1986, 1991,1992, 1999, 2004, 2005, 2007
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