

# Leah Edelstein-Keshet fonds

Compiled by Katelyn Gibson (2023)

University of British Columbia Archives



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# Fonds Description

**Leah Edelstein-Keshet fonds.** – 1989-1996.

9 cm of textual records.

## Biographical Sketch

Leah Edelstein-Keshet was born in Israel in 1953, and earned both her Bachelor and Master of Science at Dalhousie University. She completed her PhD in 1982 at the Weizmann Institute of Science in Israel, specializing in applied mathematics. Edelstein-Keshet was employed as a visiting professor at Brown University and Duke University before being hired as an associate professor in the University of British Columbia's Department of Mathematics in 1989. Her research began in mathematic biology, and evolved to include cell biology and biophysics.

Edelstein-Keshet has published numerous articles and written several books, including *Mathematical Models in Biology*, an influential text for the field of mathematical biology. She has also won various awards: the Canadian Mathematical Society's Krieger-Nelson Prize, the Arthur Winfree Research Prize of the Society for Mathematical Biology, the Canadian Applied and Industrial Mathematics Society Research Award, and the John von Neumann Prize from the Society for Industrial and Applied Mathematics (SIAM). From 1995 to 1997, she served as the Society for Mathematical Biology's first female President; in 2017, the Society created the Leah Edelstein-Keshet Prize to recognize notable contributions by women to the field of mathematical biology. Edelstein-Keshet retired in 2023 after 34 years as a professor at UBC.

## Scope and Content

This fonds consists of textual records from Edelstein-Keshet's early years teaching at UBC, and is composed entirely of correspondence. Topics covered include her research, book and article reviews for various journals and societies, speaking engagements, faculty housing and tenure, and other administrative matters. Taken as a whole the materials provide an interesting "snapshot" of the professional life of a female faculty member in the sciences in the late 1980s and 1990s.

## Notes

File list available.

Title based on the contents of the fonds.

# File List

## BOX 1

1-1 [Correspondence], May 1989 – August 1991 [3 folders]

1-2 [Correspondence], July 1991 – January 1996 [3 folders]