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## Eric R. Kandel papers 11497065

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## Summary Information

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<b>Repository:</b>	Rare Book and Manuscript Library
<b>Creator:</b>	Kandel, Eric R.
<b>Title:</b>	Eric R. Kandel papers
<b>ID:</b>	11497065
<b>ID:</b>	MS#1752
<b>Date [inclusive]:</b>	1940s-2015
<b>Physical Description:</b>	18.2 linear feet 12 record cartons, 7 document boxes, 1 half-document box, and 1 flat box, 1 medal box
<b>Language of the Material:</b>	Primarily in English, with some material in German.
<b>Abstract:</b>	Eric R. Kandel is a neuroscientist and the recipient of the 2000 Nobel Prize in Physiology or Medicine for "discoveries concerning signal transduction in the nervous system." The papers include awards files, clippings, correspondence, grant files, lectures, photographs, publications, reprints, syllabi, videotapes, and dissertations written by Kandel's students.

### Preferred Citation

Identification of specific item; Date (if known); Eric R. Kandel Papers; Box and Folder; Rare Book and Manuscript Library, Columbia University Library.

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## Biographical Note

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Eric R. Kandel was born in Vienna, Austria, on November 7, 1929, the second son of Hermann and Charlotte (née Zimels) Kandel. Kandel's family left Austria after it was annexed by Nazi Germany during World War II and arrived in Brooklyn, New York in 1939.

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## Biographical Note

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Kandel was educated at the Yeshiva at Flatbush and Erasmus Hall High School, and graduated from Harvard College in 1952. At Harvard, Kandel initially studied European intellectual history, but became interested in psychoanalysis. At the time, psychoanalysts were trained as physicians and then as psychiatrists, so Kandel decided to pursue medical school. He graduated from New York University Medical School in 1956. While there, Kandel developed an interest in the biological basis of medical practice, and this led him to study neurobiology with Harry Grundfest at Columbia University.

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## Biographical Note

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After graduating from New York University, Kandel joined the Laboratory of Neurophysiology at the U.S. National Institutes of Health (NIH) in 1957, studying mammalian brain neurophysiology with Wade Marshall. He left NIH in 1960 to begin his residency in psychiatry at the Massachusetts Mental Health Center of the Harvard Medical School. After completing his residency in 1962, he received a National Institute of Neurological Disorders and Stroke (NINDS) postdoctoral fellowship to work with Ladislav Tauc, whose work with *Aplysia* interested Kandel, in his laboratory in Paris. Kandel stayed at Tauc's laboratory for 16 months before returning to Harvard. After a short time, Kandel decided to accept an invitation to start a small neurophysiology group focused specifically on the neurobiology of behavior in the Departments of Physiology and Psychiatry at the New York University Medical School in 1965.

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## Biographical Note

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Kandel became Professor of Physiology and Psychiatry, and was invited to become the founding director of the Center for Neurobiology and Behavior at the Columbia University College of Physicians and Surgeons, in 1974. The Center became the Department of Neuroscience in 2007. Kandel became a University Professor in 1983 and a Hughes Senior Investigator in 1984. Kandel is currently University Professor and Fred Kavli Professor, Department of Neuroscience, and Senior Investigator, Howard Hughes Medical Institute. He is also Director of the Kavli Institute for Brain Science and Co-Director of the Mortimer B. Zuckerman Mind Brain Behavior Institute.

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## Biographical Note

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Kandel's research has focused on learning and memory development. Kandel was initially interested in recording the activity of nerve cells in the hippocampus, the center of memory formation in the brain, but he felt that he needed to study a simpler system at the cellular level. He decided to work with the *Aplysia*, a sea slug, as it has relatively few nerve cells and clearly delineated behavioral circuitry when compared with vertebrates, and it is a member of the simplest group of animals known to be capable of learning. Using the *Aplysia*, Kandel was able to study basic learning mechanisms. His research has illuminated the biological changes that accompany memory development and learning. Kandel's experiments with *Aplysia*, as well as his later research with mice, established that learning produces changes in behavior by adjusting the strength of connections between nerve cells, rather than by altering basic circuitry, as changes in synaptic function form different types of memories. Kandel's discoveries have greatly expanded the scientific understanding of the basic processes of short and long term memory formation.

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## Biographical Note

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Kandel's "discoveries concerning signal transduction in the nervous system" were recognized in 2000, when he was awarded the Nobel Prize in Physiology or Medicine with Arvid Carlsson and Paul Greengard. Kandel is also the recipient of many other honorary degrees and awards, including the Dickson Prize, Lasker Award, National Medal of Science, the Harvey Prize, and the Wolf Prize in Medicine.

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## Biographical Note

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Kandel is also known outside of scientific circles for his work in bringing science to the general public. He has served as a co-host with Charlie Rose for the *Charlie Rose: The Brain Series*, which is distributed nationally on PBS, since 2009. He has also published two books written for general audiences: *In Search of Memory: The Emergence of a New Science of the Mind* (2006), which won the *Los Angeles Times* Book Award for Science and Technology and was

made into a documentary film in 2009, and *The Age of Insight: The Quest to Understand the Unconscious in Art, Mind, and Brain, from Vienna 1900 to the Present* (2012).

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## Biographical Note

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Kandel married Denise Bystryn, later a professor of sociomedical sciences (in psychiatry) at Columbia University, in 1956, and they have two children.

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## Biographical Note

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The following is a listing of Kandel's awards:

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## Biographical Note

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1959 - Henry L. Moses Research Award, Montefiore Hospital

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## Biographical Note

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1977 - Lester N. Hofheimer Prize for Research (Awarded by the American Psychiatric Association)

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## Biographical Note

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1977 - Lucy G. Moses Prize for Research in Basic Neurology (Awarded by Columbia University)

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## Biographical Note

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1978 - The Dean's Award for Outstanding Contributions to Teaching (Awarded by Columbia University)

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## Biographical Note

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1979 - Solomon A. Berson Medical Alumni Achievement Award in Basic Science (Awarded by New York University)

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## Biographical Note

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1981 - Karl Spencer Lashley Prize in Neurobiology (Awarded by the American Philosophical Society)

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## Biographical Note

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1982 - The Dickson Prize in Biology and Medicine (Awarded by the University of Pittsburgh)

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## Biographical Note

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1982 - The New York Academy of Sciences Award in Biological and Medical Sciences

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## Biographical Note

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1983 - Albert Lasker Basic Medical Research Award (Shared with Vernon B. Mountcastle)

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## Biographical Note

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1984 - Lewis S. Rosenstiel Award for Distinguished Work in Basic Medical Research (Awarded by Brandeis University and shared with Daniel Koshland)

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## Biographical Note

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1984 - Howard Crosby Warren Medal (Awarded by the Society of Experimental Psychologists)

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## Biographical Note

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1985 - American Association of Medical Colleges Award for Distinguished Research in the Biomedical Sciences

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## Biographical Note

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1986 - Special Presidential Commendation of the American Psychiatric Association

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## Biographical Note

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1987 - Gairdner International Award for Outstanding Achievement in Medical Science (Awarded by the Gairdner Foundation, Canada)

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## Biographical Note

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1988 - National Medal of Science

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## Biographical Note

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1988 - Gold Medal for Scientific Merit (Awarded by the Fondazione Giovanni Lorenzini, Milan, Italy)

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## Biographical Note

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1988 - National Academy of Sciences for Scientific Reviewing

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## Biographical Note

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1989 - Distinguished Service Award of the American Psychiatric Association

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## Biographical Note

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1989 - Award in Basic Science, American College of Physicians

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## Biographical Note

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1989 - Robert J. and Claire Pasarow Foundation Award in Neuroscience

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## Biographical Note

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1990 - Diploma Internacional Cajal (Instituto Cajal: Consejo Superior de Investigaciones Cientificas, Madrid)

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## Biographical Note

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1991 - Bristol-Myers Squibb Award for Distinguished Achievement in Neuroscience Research (with T.V.M. Bliss)

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## Biographical Note

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1992 - John P. McGovern Lectureship Award in Behavioral Neuroscience (Awarded by the American Association for the Advancement of Science)

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## Biographical Note

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1992 - Warren Triennial Prize (Awarded by Massachusetts General Hospital)

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## Biographical Note

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1992 - Jean-Louis Signoret's Prize on Memory (Awarded by the Fondation Ipsen, Paris)

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## Biographical Note

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1993 - Harvey Prize (Awarded by the Technion, Israel Institute of Technology, Haifa, Israel)

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## Biographical Note

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1993 - F.O. Schmitt Medal and Prize in Neuroscience (Rockefeller University)

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## Biographical Note

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1994 - Isaac Ray Decade of Excellence Award (Awarded by Brown University)

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## Biographical Note

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1994 - Mayor's Award for Excellence in Science and Technology

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## Biographical Note

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1995 - Stevens Triennial Prize (Awarded by Columbia University)

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## Biographical Note

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1996 - New York Academy of Medicine Award

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## Biographical Note

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1997 - Gerard Prize (Society of Neuroscience) for Outstanding Achievement in Neuroscience

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## Biographical Note

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1997 - Charles A. Dana Award for Pioneering Achievement in Health (with P. Greengard)

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## Biographical Note

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1999 - Wolf Prize in Biology and Medicine, Israel

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## Biographical Note

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2000 - Dr. A.H. Heineken Prize for Medicine (Awarded by the Royal Netherlands Academy of Arts and Sciences, Amsterdam, Netherlands)

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## Biographical Note

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2000 - Nobel Prize in Physiology or Medicine (Awarded by the Nobel Foundation, Stockholm, Sweden, shared with Paul Greengard and Arvid Carlsson)

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## Biographical Note

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2000 - Distinguished Investigator Award, National Alliance for Research on Schizophrenia and Affective Disorders

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## Biographical Note

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2001 - Lifetime Achievement Award, YIVO Institute for Jewish Research

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## Biographical Note

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2001 - Annual Achievement Award, Parkinson Foundation

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## Biographical Note

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2001 - Office of the Mayor, City of New York, Proclamation May 11, 2001 as "Eric Kandel Day"

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## Biographical Note

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2001 - Distinguished Service Award, American College of Neuropsychopharmacology

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## Biographical Note

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2001 - NAMI Pioneer in Science Award

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## Biographical Note

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2002 - Julius Axelrod Neuroscience Award NARSAD (shared with Arvid Carlsson and Paul Greengard)

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## Biographical Note

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2002 - Centenary Medal, Royal Society of Canada

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## Biographical Note

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2002 - Honorary Member, Alumni Association, Columbia College of Physicians & Surgeons

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## Biographical Note

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2003 - Honorary Fellow, Distinguished Service in Psychiatry, American College of Psychiatrists

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## Biographical Note

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2003 - Paul Hoch Award

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## Biographical Note

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2003 - Distinguished Alumnus Award, New York University Alumni Association

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## Biographical Note

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2003 - Sven Berggrens Pris, Lund, Sweden

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## Biographical Note

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2003 - Pupin Medal for Service to the Nation, Columbia University



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## Biographical Note

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2003 - Salmon Award, New York Academy of Medicine

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## Biographical Note

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2004 - Benjamin Franklin Creativity Laureate Award, Smithsonian Associates and Creativity Foundation

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## Biographical Note

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2004 - David Dean Brockman Lectureship Award, American College of Psychoanalysts

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## Biographical Note

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2005 - Austrian Medal of Honour for Science and Art (Presented by the President of the Republic of Austria)

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## Biographical Note

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2006 - Biotechnology Achievement Award, NYU School of Medicine

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## Biographical Note

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2006 - Benjamin Franklin Medal for Distinguished Achievement in the Sciences, American Philosophical Society

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## Biographical Note

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2006 - McKnight Foundation Recognition Award, McKnight Conference for Neuroscience

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## Biographical Note

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2006 - Louise T. Blouin Foundation Global Creative Leadership Award

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## Biographical Note

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2007 - Cosmos Club McGovern Award in Science, Washington D.C.

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## Biographical Note

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2009 - Ellis Island Family Heritage Award

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## Biographical Note

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2009 - Honorary Citizenship of the City of Vienna, Austria

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## Biographical Note

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2009 - Honorary Award from the Viktor Frankl Foundation of the City of Vienna for the Advancement of Meaning-Oriented Humanistic Psychotherapy

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## Biographical Note

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2009 - Ulysses Medal, University College Dublin, Ireland

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## Biographical Note

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2009 - Inauguration of the Eric Kandel Young Scientist Prize, Frankfurt, Germany (An award established by the Hertie Foundation to recognize and support the outstanding work of young European neuroscientists)

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## Biographical Note

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2009 - Gold Medal for Distinguished Service to Humanity, The National Institute of Social Sciences

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## Biographical Note

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2010 - Alexander Award in Psychiatry, Baylor College of Medicine

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## Biographical Note

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2010 - Catcher in the Rye Humanitarian Award, American Academy of Child & Adolescent Psychiatry

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## Biographical Note

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2010 - Eastman Medal, University of Rochester

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## Biographical Note

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2011 - National Leadership Award in Science and Education, Merage Foundation for the American Dream

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## Biographical Note

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2012 - Child Mind Institute Distinguished Scientist Award

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## Biographical Note

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2012 - Columbia Lamplighter Award, Chabad at Columbia University

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## Biographical Note

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2012 - Adolf Meyer Award, American Psychiatric Association

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## Biographical Note

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2012 - NEPA Distinguished Contribution Award

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## Biographical Note

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2012 - David Mahoney Prize, Harvard Mahoney Neuroscience Institute

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## Biographical Note

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2014 - American Association of Chairs of Departments of Psychiatry President's Award

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## Biographical Note

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2014 - Productive Lives Award, Brain & Behavior Research Foundation

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## Scope and Content

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Eric R. Kandel is a neuroscientist, and the recipient of the 2000 Nobel Prize in Physiology or Medicine. In addition to the Nobel Prize Kandel was also awarded the National Medical of Science, the Albert Lasker Award, the Heineken Award of the Netherlands, the Gairdner Award of Canada, the Harvey Prize and the Wolf Prize of Israel. He is the recipient of 22 honorary degrees.

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## Scope and Content

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The papers include awards files, clippings, correspondence, lectures, photographs, publications, reprints of published articles, syllabi, videotapes, and dissertations written by Kandel's students.

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## Scope and Content

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The records primarily document Kandel's intellectual output and influence and include articles, dissertations by his students, published books, and syllabi. The most comprehensive coverage is for Kandel's articles: the papers include reprints from 1960-2010, arranged chronologically and bound into volumes by Kandel. The papers also include copies of several of Kandel's published books for both general and scientific audiences, as well as files that include related articles, correspondence, proofs, and reviews. In addition, the papers include outlines for the individual television episodes of *Charlie Rose: The Brain Series*, which is co-hosted by Kandel. A particularly interesting part of the collection is a series of student handouts from the years 1973-1978 which served as the precursor to Kandel's seminal and prizewinning textbook on neurobiology with James H. Schwartz called, *Principles of Neuroscience* (1981). The book is now in its 5th edition. The papers also include 34 dissertations by Kandel's students, covering the period from 1967-2013, showing the influence of his work.

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## Scope and Content

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The papers also document the recognition of Kandel's work through awards files, clippings, and other publications. The award files include certificates, clippings, correspondence, itineraries, photographs, press releases, programs, and sometimes copies of Kandel's lectures or remarks. Files related to the Nobel Prize are more extensive than those available for other awards; these include articles, clippings, congratulatory letters and Kandel's responses, itineraries, and programs. Clippings, as well as the publications in Subseries II.3, also document Kandel's activities and the wider recognition of his work.

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## Scope and Content

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The collection also includes videotapes from a limited period (1994-2001). These include awards ceremonies, lectures, promotional videos, and television show appearances (particularly on "Charlie Rose") that feature Kandel. Also included are two biographical pieces: the rough cut of an oral history interview conducted by the Society of Neuroscience with Kandel in 2001 (an edited version is available from the organization) and a DVD copy of the film by the filmmaker Petra Seeger entitled *In Search of Memory* (2009).

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## Scope and Content

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The papers include limited correspondence and relatively few manuscripts, speeches, or teaching files. There are no appointment books, course notebooks, journals, laboratory notebooks, research files or reports in the papers. In addition, there are few records related to Kandel's institutional work at either New York University or Columbia University.

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## Arrangement

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This collection is arranged in eleven series and several subseries.

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## Administrative Information

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### Publication Statement

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### **Revision Description**

File created. XML document instance created by Catherine C. Ricciardi XML document instance revised and updated by Catherine C. Ricciardi EAD was imported spring 2019 as part of the ArchivesSpace Phase II migration. 2015-08-25 2015-08-25 2015-09-14 2019-05-20

### **Restrictions on Access**

This collection is located off-site. You will need to request this material at least three business days in advance to use the collection in the Rare Book and Manuscript Library reading room.

### **Restrictions on Access**

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### **Immediate Source of Acquisition**

2015.2016.M001: Source of acquisition--Eric R. Kandel. Method of acquisition--Gift; Date of acquisition--7/1/2015.

### **Processing Information**

Papers processed by Catherine C. Ricciardi 2015.

### **Processing Information**

Finding aid written by Catherine C. Ricciardi September 2015.

### **Processing Information**

Papers appraised by Allan Stypeck May 20, 2015.

### **Accrual**

Additional material is not expected at this time

## Accruals

Materials may have been added to the collection since this finding aid was prepared.  
Contact [rbml@columbia.edu](mailto:rbml@columbia.edu) for more information.

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## Controlled Access Headings

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- Cellular signal transduction
- Central nervous system -- Physiology
- Holocaust, Jewish (1939-1945) -- Austria -- Vienna
- Holocaust survivors -- United States
- Medical scientists -- United States -- Biography
- Memory
- Mental Process -- Physiology
- Neurobiology
- Neurologists -- United States -- Biography
- Neuropsychology
- Neurosciences
- Nobel Prizes
- Clippings (Information Artifacts)
- Correspondence
- Doctoral Dissertations
- Photographs
- Programs (documents)
- Reprints
- Syllabi
- Videotapes
- Spencer, William Alden
- Tauc, Ladislav

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## Collection Inventory

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**Series I: Biographical Materials, 2006-2015**

**Scope and Contents**

This series includes a curriculum vitae and other biographical material related to Kandel. There is additional biographical material in Series III.4: Published Books, Series VIII: Clippings, and Series IX: Video.

<b>Title/Description</b>	<b>Instances</b>
<i>Les Prix Nobel</i> , 2000	box 12
<b>Scope and Contents</b>	
(This contains an extensive biography on Kandel.)	
Curriculum Vitae, circa, 2015	box 12
Eric Kandel: Vienna to United States 1939 2006 (Short biography with images.), 1939, 2006	box 12
Lecture: Theresienstadt and Memory, 2015	box 12
<b>Scope and Contents</b>	
(Includes biographical material and images)	

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**Series II: Correspondence, 1950s-2015****Scope and Contents**

This series includes professional correspondence, invitations, and requests for participation in conferences, lectures, symposia and other events. The early files include correspondence with Ladislav Tauc, William Alden Spencer, Mary Wheeler, and John Eccles.

<b>Title/Description</b>	<b>Instances</b>
Residencies in Psychiatry--Correspondence, 1950s	box 1
Selective Service Papers, European Addresses, Employers, Etc.--Correspondence,, 1960s	box 1
Review--Correspondence, 1964	box 1
<b>Scope and Contents</b>	
(Appears to be a literature review for a grant application; file includes draft and correspondence)	
Correspondence, 1960s	box 1
<b>Scope and Contents</b>	
(Includes correspondence with Dr. William Alden Spencer)	
Tauc, Ladislav--Correspondence, 1964-1965	box 1

Scientific Paper Submissions--Correspondence, 1964-1967 2003, 1964-1967, 2003	box 1
Notes and Letters, 1960-1970 1995-2014, 1960-1970, 1995-2014	box 1
Nobel Nomination, 1977	box 1
Conferences, 2007-2012	box 1
Invitations, 2001-2013 <u>Physical Description</u> : 2 folders	box 1
Letters, Reviews, Writings, 2015 <b>Scope and Contents</b>  (This folder consists of "A Personal Memory of Vienna 1938 and a Historical Memory of Anti-Semitism," a talk given by Kandel on the 70th anniversary of the liberation of the Theresienstadt concentration camp.)	box 1
General Correspondence, 2007-2013	box 1
Travel, 2001 2011-2012, 2001, 2011-2012	box 1
Congratulations Cards and Letters of Thanks, 1983-2013	box 1
Keynote Lecture and Symposium Invites, 2008-2013	box 1
Participation Requests, 2009-2015	box 1
Lectures, Seminars, Symposiums, 1976-2014	box 1
Correspondence on Memory Consolidation Chapter, 2015 <b>Scope and Contents</b>  (From Larry Squire)	box 1

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### Series III: Manuscripts, Published Works, and Television Series, 1950s-2015

#### Scope and Contents

This primarily consists of correspondence, manuscripts, outlines, and published materials related to Kandel's published works and television series, however, Subseries III.3 includes publications with articles written by Kandel and pieces written about him.

#### Subseries III.1: Abstracts, Reviews, Talks, 1958-2003, undated

##### Scope and Contents

This subseries contains abstracts, drafts, notes, reviews, and notecards used for talks.

**Title/Description**

**Instances**

Early Abstracts, Reviews, Talks, 1958-1966 undated, 1958-1966, undated	box 1
Abstracts, Reviews, Talks, 1997-2003 undated, 1997-2003, undated	box 1
<b>Subseries III.2: Manuscripts and Drafts of Works with Related Material, 1952, 1976-2013</b>	
<b>Scope and Contents</b>	
This subseries contains a copy of Kandel's bachelor's thesis (1952), as well as agreements, articles, correspondence, proofs, reviews, and other material related to several of Kandel's published books.	
<b>Title/Description</b>	<b>Instances</b>
"Carl ZuckMay er, Hans Carossa, Ernst Jünger: A Study of Their Attitude Toward National Socialism," 1952 March, 1952	box 2
<b>Scope and Contents</b>	
(This is a photocopy of Kandel's bachelor's degree thesis, written at Harvard College.)	
<i>The Age of Insight</i>	
Corrected Proof, circa, 2009	box 2
General, 2009-2012	box 1
<b>Scope and Contents</b>	
(Correspondence, agreements, reviews, etc.)	
Reviews and Articles, 2011-2013	box 1
<i>Cell-Biological Approach to Learning</i> , 1978-1979	box 1
<b>Scope and Contents</b>	
(Correspondence)	
<i>Cellular Basis of Behavior</i> , 1976-1978	box 1
<b>Scope and Contents</b>	
(Correspondence and reviews)	
<i>Discover</i> Article: Minouche Kandel and Eric Kandel,, 1993	box 18
<i>In Search of Memory</i>	
General, 2005-2011	box 2

**Scope and Contents**

(Includes material related to awards, reviews, royalties, and the Shoah Foundation)

Letters and Emails / Email Invites, 2006-2010	box 2
Reviews, 2006-2012	box 2
Talks, Lectures, Dinners, 2006-2007	box 2
Film Premieres in Germany, 2009 June, 2009	box 2
Miscellaneous, 2007-2011	box 2
<u>Physical Description</u> : 2 folders	

**Subseries III.3: Publications Related to Kandel, 1958-2013****Arrangement**

The publications are arranged by title.

**Scope and Contents**

This subseries includes publications with articles by Kandel and publications with articles or other pieces about Kandel.

<b>Title/Description</b>	<b>Instances</b>
Publications with Titles A-K	box 3
Publications with Titles M-Z	box 4
Publications--Oversized (2 Items)	box 19

**Subseries III.4: Published Books, 1976-2013****Scope and Contents**

This subseries includes published copies of several of Kandel's books.

<b>Title/Description</b>	<b>Instances</b>
Kandel, Eric R. <i>The Age of Insight</i> . New York: Random House,, 2012	box 5
Kandel, Eric R. <i>Behavioral Biology of Aplysia</i> . San Francisco: W.H. Freeman and Company, 1979	box 5
Kandel, Eric R. <i>Cellular Basis of Behavior</i> . San Francisco: W.H. Freeman and Company, 1976	box 5
Kandel, Eric R. <i>Psychiatry, Psychoanalysis, and the New Biology of the Mind</i> . Washington, D.C.: American Psychiatric Publishing, Inc., 2005	box 5
Kandel, Eric R. <i>In Search of Memory</i> . New York: W.W. Norton and Company,, 2006	box 5

Kandel, Eric R. and James H. Schwartz, eds. <i>Principles of Neural Science</i> . New York: Elsevier/North-Holland, 1981	box 6
Kandel, Eric R. ed. <i>Principles of Neural Science</i> . 5th edition. New York: McGraw Hill, 2013	box 6

### Subseries III.5: Reprints, 1960-2010

#### Scope and Contents

This series consists of reprints of articles written by Kandel. These reprints were arranged chronologically and bound into volumes by Kandel.

Title/Description	Instances
Collected Reprints, Volumes I-VII, 1960-1995 (7 Bound Volumes), 1960-1995	box 13
Collected Reprints, Volumes VIII-X, 1996-2010 (3 Bound Volumes), 1996-2010	box 14

### Subseries III.6: Television Series--*Charlie Rose: The Brain Series*, 2009-2015

#### Scope and Contents

This subseries contains the outlines for the episodes in *Charlie Rose: The Brain Series*, which is co-hosted by Eric Kandel. The subseries includes outlines for Series I, Episode 1 (2009) through Series III, Episode 3 (2015).

Title/Description	Instances
<i>Charlie Rose: The Brain Series</i> --Episode Outlines for Series I, 2009-2010	box 20
<i>Charlie Rose: The Brain Series</i> --Episode Outlines for Series II, 2011-2012	box 20
<i>Charlie Rose: The Brain Series</i> --Episode Outlines for Series III, 2015	box 20

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### Series IV: Grant Files, 1965-1983

#### Scope and Contents

This series includes several grant applications and progress reports submitted by Kandel, or by Kandel with William Allen Spencer, from 1965-1980. Some of the files contain personal information about living applicants, and are restricted until 2029.

Title/Description	Instances
Grant Applications, 1965-1969	box 20
New York University Grant Application, 1971	box 20
Learning K - Progress Report, 1971-1974	box 20

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Program Project, 1978-1983	box 20
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NS 12744-14 (85), 1978-1979	box 20
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**Scope and Contents**

Plasticity of the Simplest Neuronal Pathways

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Continuation Application 3 Year GM23540-03, 1978-1979	box 20
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**Scope and Contents**

Cellular Analyses of Behavior

Conditions Governing Access:  
**Conditions Governing Access**

RESTRICTED until 2029.

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MH 26212-04 (97), 1979	box 20
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**Scope and Contents**

Learning Mechanisms in Abdominal Ganglion  
of *Aplysia*

Conditions Governing Access:  
**Conditions Governing Access**

RESTRICTED until 2029.

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Mariculture of <i>Aplysia</i> NIH Application for Woods Hole Project, 1978	box 20
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Conditions Governing Access:  
**Conditions Governing Access**

RESTRICTED until 2029.

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Research Scientist Award MH 18558, 1978-1979	box 20
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Conditions Governing Access:  
**Conditions Governing Access**

RESTRICTED until 2029.

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## Series V: Awards, 1953-2014



**Scope and Contents**

This series consists primarily of general and alphabetical files related to awards. In addition, there is a set of files related to the Nobel Prize. The series also includes some files related to Kandel's faculty appointments and speaking engagements.

**Subseries V.1: General, 1953-2014****Scope and Contents**

This subseries contains general files related to awards and to book awards.

Title/Description	Instances
Awards--Articles on Awards and Presentations, Recognitions, 1991-1999	box 2
<b>Scope and Contents</b>	
(File consists primarily of reprints of articles by Kandel.)	
Book Awards,1953-2014	box 2
<b>Scope and Contents</b>	
(Appears to contain some unrelated materials, as well.)	

**Subseries V.2: Alphabetical Files, 1973-2014****Scope and Contents**

This subseries consists of alphabetical files related to awards, faculty appointments, honorary degrees, lectures, and other special events. The files include certificates, clippings, correspondence, photographs, press releases, programs, and some include copies of Kandel's lectures or remarks.

Title/Description	Instances
Academy of Athens, undated	box 2
Alexander Award in Psychiatry, 2010	box 2
American Association of Medical Colleges (AAMC) Distinguished Research in Biomedical Science,, 1985	box 2
American College of Neuropsychopharmacology (ACNP) Nobel Celebration,, 2001	box 2
American College of Physicians Award, 1989	box 2
American Psychoanalytic Association (APSA) Membership, 2007	box 2
American Psychiatric Association (APA) Distinguished Service Award, 1989	box 2
Arizona Honorary Degree, 2012	box 2
Benjamin Franklin Creativity Laureate Award, 2004	

	box 2
Benjamin Franklin Medal, 2006	box 2
Book Reviews, 1981 2005, 1981, 2005	box 2
Brain and Behavior Research Foundation Productive Lives Award, 2014	box 2
Bristol Myers Squib Award, 1991	box 2
Bruno-Kreisky Prize, 2013	box 2
Cajal Institute Diploma International, 1990	box 2
Cartwright Lecture, 2008	box 2
Centenary Medal, Royal Society of Canada, 2002	box 2
Charlie Rose, 2009	box 2
Child Mind Institute (CMI) Distinguished Scientist Award, 2012	box 2
Clinical Experience Review, undated	box 2
Columbia University	
Bollinger Emails / Invites Re: Presidential Investiture, 2002	box 2
Dean's Award Outstanding Teaching, 1978	box 2
Faculty Appointment, 1974	box 7
<b>Scope and Contents</b>	
(Copies of university newspapers)	
Lamplighter Award, 2012	box 7
Letters, Thanks, Emails, 1991 2001 2012, 1991, 2001, 2012	box 7
Memories and Events, 1984-2010	box 7
Recruitment, 1973-1987 2009-2012, 1973-1987, 2009-2012	box 7
Stevens Triennial Prize, 1995	box 7
Cold Spring Harbor Laboratory (CSHL) Neuroscience Center Dedication, 1991	box 7
Dana Award, 1997	box 7
Dickson Prize in Medicine, 1982	box 7
Distinguished Lecture Series, 1983-2000	box 7
University of Edinburgh General Council Honorary Degree, 1999	box 7

Ellis Island Heritage Award, 2009	box 7
European Academy of Arts, Sciences, and Humanities Honorary Society, 2001	box 7
Gairdner Award, 1987	box 7
Giovani Lorenzini Foundation Gold Medal, 1988	box 7
Gladstone Distinguished Lecture, 2000	box 7
Harnack Lecture, 2014	box 19
<b>Scope and Contents</b> (Certificate.)	
Harvard Honorary Degree, 2008	box 7
Harvey Prize, 1993	box 7
Harvey Prize Scrapbook, 1993	box 19
<b>Scope and Contents</b> (Includes program and photographs.)	
Dr. A.H. Heineken Prize for Medicine, 2000	box 7
Hodgkin-Huxley-Katz Prize Lecture, 2009	box 7
Lester Hofheimer Prize, 1977	box 7
Howard Hughes Medical Institute (HHMI), 1986-2013	box 7
<b>Scope and Contents</b> (Includes information on the HHMI and the institute at Columbia University)	
Institute for Doctoral Studies in the Visual Arts (IDSVA) Honorary Degree, 2013	box 7
Jewish Book Council Lifetime Achievement Award, 2012	box 7
Jewish Theological Seminary, 1983	box 7
John Hopkins University Honorary Degree, 1986	box 7
Kavli Brain Science Institute, 2008 undated	box 7
Kolomyya Olesko, 2001-2002	box 7
Lasker Award, 1983 1994 2014, 1983, 1994, 2014 <u>Physical Description</u> : 2 folders	box 7
Karl Spencer Lashley Award, 1981	box 7
Le Monde, 2011-2012	box 7
Lieber Recovery Clinic Talks, 2010	box 7

<i>Los Angeles Times</i> Book Prize, 2006	box 7
David Mahoney Prize, 2012	box 7
Marmor Award Lecture, 2001	box 7
May or's Award Excellence in Science, 1994	box 7
Simon McBurney, 2001	box 7
Memory: From Mind to Molecules, 1999 2011-2014, 1999, 2011-2014	box 7
Menard and Anna Gertler Visiting Professor in Medicine Lecture, 2006	box 7
Mount Sinai School of Medicine Honorary Degree, 1987	box 7
University of Montreal Honorary Degree, 2003	box 7
National Academies Communication Award, 2007	box 7
National Academy of Sciences, 1974	box 7
National Academy of Sciences Award for Scientific Reviewing, 1988	box 7
National Institute of Neurological Disorders and Stroke (NINDS), 2001	box 7
National Institute of Social Sciences Gold Medal, 2009	box 7
National Institutes of Health (NIH) Application, 1961	box 7
National Institutes of Health, 1999	box 7
National Medal of Science, 1988	box 7
National Science Foundation Postdoctoral, 1961	box 7
New England Psychological Association (NEPA) Distinguished Contribution Scholar Award,, 2012	box 7
New York Academy of Medicine Gala, 2002	box 7
New York Academy of Science Award, 1982	box 7
New York Academy of Science Life Member, 1993	box 7
<i>New York Times</i> Correspondence, 2013	box 7
<b>Scope and Contents</b>	
(Related to op-ed essay.)	
New York University	
Faculty Appointment, 1977	box 7
Honorary Degree, 2005	box 7
Recruitment, 1963	box 7

**Scope and Contents**

(Includes 1956 commencement program.)

Solomon A. Berson Medical Alumni Achievement Award, 1979	box 7
Nobel Committee Nobel Revisiting Lecture, 2008 April, 2008	box 7
Norwegian University of Science Honorary Degree, 2011	box 7
Orden Pour Le Mérite Für Wissenschaften, 1997-1998 <u>Physical Description</u> : 2 folders	box 7
Österreichische Akademie der Wissenschaften Certificate, 2002	box 19
Parkinson Foundation Gala, 2001	box 8
Pasarow Foundation Award, 1989	box 8
Presidential Commendation, 1986	box 8
Principles of Neural Science (PONS), 1981-1991 2000, 1981-1991, 2000	box 8
Prix Galien Awards, 2007	box 8
Pupin Medal for Service to the Nation, 2003	box 8
Ralph W. Gerard Prize in Neuroscience, 1997	box 8
Rockefeller Honorary Degree, 2005	box 8
Rosenstiel Medallion Brandeis University, 1984	box 8
Royal Society, 2013	box 8
James Schwartz, 2006	box 8
<b>Scope and Contents</b>	
(Obituary written by Kandel for <i>The Journal of Clinical Investigation</i> )	
Sven Berggrens pris, 2003	box 8
Timeline--Eric, 2009	box 8
University College London (UCL) Honorary Degree, 2001	box 8
University College London Honorary Degree Photographs, 2001 (2 Photographs), 2001	box 19
University of Turin Honorary Degree Certificate, 2000	box 19
Vienna, 2012 <u>Physical Description</u> : 2 folders	box 8
Vienna Honorary Citizen, 2009	

	box 8
Vienna Symposium / President Klestil, 2009	box 8
Viktor Frankl-Fonds Award, 2009	box 8
James Watson, 1999-2007	box 8
Weizman Institute of Science Honorary Degree, 2007	
General File	box 8
Honorary Degree Certificate	box 19
Red Presentation Box Containing Photographs	box 18
White House, 1985	box 8
Elie Wiesel, 2008-2010	box 8
Wolf Prize in Medicine, 1999	box 8
YIVO Lifetime Achievement Award, 2001	box 8
Young Neuroscientist Prize, 2009-2013	box 8
Mort Zuckerman Institute, 2013	box 8

### Subseries V.3: Nobel Prize, 2000-2001

#### Scope and Contents

Kandel was awarded the Nobel Prize in Physiology or Medicine in 2000. This subseries includes the Nobel Prize Medal awarded to Kandel; articles; clippings; congratulatory letters and Kandel's responses; itineraries; and programs.

Title/Description	Instances
Nobel Prize Medal	
The Nobel Prize in Physiology or Medicine Medal, 2000	box 21
<b>Scope and Contents</b>	
The Nobel Prize in Physiology or Medicine 2000 was awarded jointly to Arvid Carlsson, Paul Greengard and Eric R. Kandel "for their discoveries concerning signal transduction in the nervous system."	
<b>Scope and Contents</b>	
Gift, 2018. Accession: 2018.2019.M101	
General	
Articles and Clippings, 2000-2001	box 8
<u>Physical Description</u> : 2 folders	
<i>Les Prix Nobel</i> , 2000	box 8

**Scope and Contents**

(This is a reprint of Kandel's article, "The Molecular Biology of Memory Storage: A Dialog Between Genes and Synapses," from *Les Prix Nobel*. It includes a biography on Kandel.)

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Itineraries and Programs, 2000-2001	box 8
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Congratulatory Emails and Letters, 2000-2001

**Scope and Contents**

(These files include both letters received by Kandel and his replies to them.)

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A-H	box 8
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Physical Description: 4 folders

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I-Z	box 9
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Physical Description: 10 folders

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**Series VI: Conferences, 1958, 1985, 1999-2006****Scope and Contents**

This series contains a small number of files related to Kandel's participation in conferences, colloquia, and symposia.

Title/Description	Instances
American Electroencephalographic Society Annual Meeting, 1958	box 9
Association of American Medical Colleges Annual Meeting, 1985	box 9
Royal Colloquium, 1999	box 9
Petra Nobel Conference, 2006	box 9
Vienna University Symposium, 2003	box 9

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**Series VII: Syllabi, 1972-1979****Scope and Contents**

This series consist of syllabi and student handouts from the College of Physicians and Surgeons at Columbia University and the New York University School of Medicine. These include the full-text of the

lectures, and are formatted as books. These are a precursor to Kandel's seminal textbook on neurobiology with James H. Schwartz called, *Principles of Neuroscience* (1981).

Title/Description	Instances
The Neural Sciences Laboratory Syllabus, 1978	box 9
The Neural Sciences Lecture Syllabus, 1975	box 9
The Neural Sciences Lecture Syllabus, 1977	box 9
The Neural Sciences Lecture Syllabus, 1979	box 18
Neurobiology, Behavior and an Introduction to Clinical Neurology, 1972-1973	box 9
The Study of Nerve Cells, from <i>Cellular Basis of Behavior</i> , 1976	box 9

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## Series VIII: Clippings, 1967-2014

### Scope and Contents

This series consists of two files of articles, clippings, and newsletters with articles on Kandel.

Title/Description	Instances
General Files, 1967-2013 <u>Physical Description</u> : 3 folders	box 10
Newsletters and Articles, 1968-2014	box 10

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## Series IX: Video, 1994-2009, undated

### Scope and Contents

This series contains 31 VHS videotapes of awards, lectures, promotional videos, and television-show appearances which featured Kandel. Also included are two biographical pieces: the rough cut of an oral history interview conducted by the Society of Neuroscience with Kandel in 2001 (an edited version is available from the organization) and a DVD copy of the film by the filmmaker Petra Seeger entitled *In Search of Memory* (2009).

Title/Description	Instances
American Psychiatric Association "Nobel Prize" Keynote-- Eric Kandel, 2001 May 7, 2001	box 11
Archemedes Sendung am, 2001 January 23, 2001	box 11



**Scope and Contents**

(Appears to be in German.)

Celebrating Columbia University's Achievements in Biology and Neuroscience, 2001 July 25, 2001 <u>Physical Description:</u> (25 minutes.) <b>Scope and Contents</b> (Revised version.)	box 11
Celebrating Columbia University's Achievements in Biology and Neuroscience,, undated <u>Physical Description:</u> (10 minutes)	box 11
Celebrating Columbia University's Achievements in Biology and Neuroscience,, undated <u>Physical Description:</u> (15 minutes.)	box 11
Celebrating Columbia University's Achievements in Biology and Neuroscience,, undated <u>Physical Description:</u> (20 minutes.) <b>Scope and Contents</b> (This copy includes extra footage at end of tape.)	box 11
Charge a Few Neurons: Brain Awareness Week, Partners in Education, 2001 <u>Physical Description:</u> (Total Run Time: 11:13)	box 11
Charlie Rose Show--Columbia University / Dr. Eric Kandel, 2001 August 7, 2001	box 11
Charlie Rose Show featuring Dr. Gerald Fischbach and Dr. Eric Kandel, undated	box 11
Charlie Rose Show--Lee Bollinger, 2001 November 8, 2001	box 11
Charlie Rose Show--Lee Bollinger, undated	box 11
Genetic Basis of Neurological and Behavioral Disorders, 2001 March 8-11 (7 videotapes), 2001	box 11
The Dr. H.P. Heineken and Dr. A.H. Heineken Prizes, 2000	box 11
The Heineken Prizes, 2000	box 11
Harvard Medical School Shelton Lectures, Dr. Eric Kandel, Parts I & II, 1994 May 2 (2 videotapes), 1994	box 11
<i>In Search of Memory</i> . Directed by Petra Seeger. Brooklyn, N.Y.: Icarus Films,, 2009	box 11
New York University School of Medicine Video Yearbook, 2001	box 11

Nobel I, 2000	box 11
<b>Scope and Contents</b>	
(Copy of converted copy)	
Nobel II, 2000	box 11
<b>Scope and Contents</b>	
(Copy of converted tape)	
Nobel Highlights, 2000	box 11
Nobel Prize--Eric Kandel, 2000	box 11
Nobel Prize Keynote--Eric Kandel, 2000	box 11
Rockefeller University Graduate Program 1901-2001 circa 2001, 1901-2001, 2001	box 11
Rockefeller University Nobel Prize in Medicine: Carlsson, Greengard, Kandel,, 2000	box 11
Society for Neuroscience Oral History Project, 2001 October 10, 2001	box 11
<u>Physical Description:</u> (Approximately 60 minutes.)	
<b>Scope and Contents</b>	
(Rough-cut edited version for screening purposes only.)	
University of Edinburgh Graduation Ceremony, 1999 July 17, 1999	box 11

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## Series X: Subject Files, 2009

### Scope and Contents

This includes files related to Kandel's 80th birthday celebration.

Title/Description	Instances
80th Birthday, 2009	box 12
<u>Physical Description:</u> 2 folders	

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## Series XI: Dissertations by Students of Kandel, 1967-2013

**Scope and Contents**

This series contains dissertations by students of Kandel that represent the intellectual influence of Kandel in his field. Most appear to be final copies, but a few are drafts and include Kandel's corrections and notes.

Title/Description	Instances
Agnihotri, Naveen. "What Makes Hippocampal Representations Stable?" Dissertation, Columbia University, 2002 (3 Items), 2002	box 14
Blumenfeld, Hal. "Modulation of Intracellular Calcium in <i>Aplysia</i> Sensory Neurons." Dissertation, Columbia University,, 1990	box 14
Boyle, Mary Bernice. "Long-Lasting Changes Induced by Serotonin in Tracellular Free Calcium and Calcium-Activated Outward in Molluscan Neruons." Dissertation, Yale University,, 1983	box 14
Braha, Orit. "Possible Involvement of Protein Kinase C in Presynaptic Facilitation of the Sensory-Motor Synapse of <i>Aplysia</i> ." Dissertation, Columbia University, 1990	box 14
Chen, I-Hweii Amy. "The Role of C/EBP in Hippocampal-Based Neuronal Plasticity and Memory Storage; Evidence for Inhibitory Constraints at the Transcription Level." Dissertation, Columbia University,, 2001	box 15
Chiu, Arelene Yuen-chin. "Biochemical and Immunohistochemical Studies of the Egg-Laying Hormone of <i>Aplysia Californica</i> : Purification, Primary Structure, Neurosecretion and Morphological Distribution." Dissertation, California Institute of Technology, Pasadena,, 1981	box 15
Dudman, Joshua Tate. "Defining New Roles for the Integrative Properties of Neurons in the Medial Temporal Lobe." Dissertation, Columbia University,, 2006	box 15
<b>Scope and Contents</b>	
(This is a draft, with corrections and comments in ink by Kandel.)	
Edmonds, Brian. "Contributions of Two Classes of Calcium Channels to Transmitter Release and Plasticity in the Sensory Neurons of <i>Aplysia</i> ." Dissertation, Columbia University, 1990	box 15
Eliot, Lise Suzanne. "Presynaptic Modulation of <i>Aplysia</i> Sensory-to-Motor Neuron Synapses in Culture." Dissertation, Columbia University,, 1991	box 15
Etkin, Amit. "Genetic Evidence for a Role for hippocampal Long-term Depression in Contextual Habituation and Immediate Memory." Dissertation, Columbia University,, 2005	box 15

Frost, William Nelson. "Mechanisms Contributing to Short- and Long-Term Sensitization in <i>Aplysia</i> ." Dissertation, Columbia University,, 1987	box 15
Gardner, Daniel. "Synaptic Organization and Bilateral Symmetry in the Buccal Ganglia of <i>Aplysia</i> ." Dissertation, Columbia University,, 1971	box 15
Giller, Earl. "Choline Acetyltransferase and Acetylcholinesterase in Identified Cells of the Abdominal Ganglion of <i>Aplysia Californica</i> ." Dissertation, New York University, undated	box 15
Kaang, Bong-Kiun. "Studies of Long-Term Facilitation using Gene Transfer Methods." Dissertation, Columbia University,, 1992	box 16
Kauderer, Beth S. "Capture of a Novel Protein Synthesis-Dependent Component of Long-Term Depression." Dissertation, Columbia University,, 2001	box 16
Kennedy, Timothy Edward. "Molecular Mechanisms of Learning in <i>Aplysia Californica</i> : Modulation of Protein and mRNA Expression During Long-Term Sensitization and Long-Term Facilitation." Dissertation, Columbia University,, 1992	box 16
Klein, Marc. "The Biophysical Basis of Habituation and Sensitization in <i>Aplysia</i> ." Dissertation, Columbia University, 1980	box 16
Kriegstein, Arnold. "Development of the Sea Hare <i>Aplysia Californica</i> ." Dissertation, New York University,, 1977	box 16
Lei, Ya-Ting. "TRPM5 Channels Contribute to Persistent Neural Activity and Working Memory." Dissertation, Columbia University,, 2013	box 16
Leibowitz, David. Drafts of Dissertation, 1985 (2 Items), 1985	box 16
Lopez-Garcia, Juan Carlos. "A Presynaptic Locus for Long-Term Potentiation of Elementary Synaptic Transmission at Mossy Fiver Synapses in Culture." Dissertation, Columbia University, 1998 (2 Items), 1998	box 16
Perlman, Andrew J. "Central and Peripheral Control of the Siphon Withdrawal Reflex in <i>Aplysia Californica</i> ." Dissertation, New York University,, 1975	box 17
Pittenger, Christopher. "A Shared Role for CREB in Declarative and Procedural Memory." Dissertation, Columbia University, 2002 (2 Items), 2002	box 17

**Scope and Contents**

(One copy is a draft that includes some remarks by Kandel.)

Pollock, Jonathan. "Potassium Channel Modulation by Serotonin and Cyclic AMP in Pleural Sensory Neurons of <i>Aplysia</i> : A Neural Mechanism for Synaptic Plasticity and Learning." Dissertation, Columbia University,, 1985	box 17
Rajasethupathy, Priyamvada. "Novel Small-RNA Mediated Gene-Regulatory Mechanisms for Long-Term Memory." Dissertation, Columbia University,, 2012	box 17
Rayport, Stephen G. "Development of the Functional and Plastic Capabilities of Neurons Mediating a Defensive Behavior in <i>Aplysia</i> ." Dissertation, Columbia University, 1981	box 17
Rosen, Zev A. "Dichotomous Regulation of CA3-CA1 Synaptic Excitation by the VTA/SNpC Dopaminergic Afferent System." Dissertation, Columbia University,, 2013	box 17

**Scope and Contents**

(This is a draft, with comments in ink by Kandel.)

Segal, Michael Myer. "Convergent Cholinergic Neurons Produce Similar Postsynaptic Actions in <i>Aplysia</i> : Implications for Neural Organization." Dissertation, Columbia University,, 1982	box 18
Till, Sally. "Genetic Approaches to Fragile X Syndrome." Dissertation, Columbia University,, 2006	box 17
Wachtel, Howard. "A Single Synaptic Connection Mediating Dual Synaptic Actions." Dissertation, New York University, 1967 (2 Items), 1967	box 17
Walters, Edgar Terrell. "Sensitization and Classical Conditioning in <i>Aplysia</i> : Behavioral and Neuronal Studies." Dissertation, Columbia University,, 1980	box 18
Wang, Jian. "Studies of Synaptic Plasticity and Memory in Calcium/Calmodulin-Dependent Protein Kinase II Mutant Mice." Dissertation, Columbia University,, 1996	box 18
Zhao, Biao. "Molecular and Functional Studies of K <sup>+</sup> Channels in the Nervous System of <i>Aplysia</i> ." Dissertation, Columbia University, 1993 (2 Items), 1993	box 18

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## Series XII: Photographs, 1940s-2010s

<b>Title/Description</b>	<b>Instances</b>
Colleagues	box 22
Eric Kandel	box 22
Family and Personal	box 22
Group Shots	box 22
Other People in Neuroscience	box 22
Nobel Prize	box 22
Slides	box 22
Negatives	box 22

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