

# LISE MEITNER'S DISCOVERY OF NUCLEAR FISSION

Presented by: David Bisno

**Tuesday, April 12, 2022**  
**9:30 a.m. – 12 noon**

805-967-6030  
vistas@vistaslifelonglearning.org

Music Academy of the West • 1070 Fairway Road, Santa Barbara

We should be enjoying *the best of times*. But it is possible that with decisions made in Moscow coupled with our determination to defend democracy, we may face *the worst of times*. David will share with us the story of the discovery of nuclear energy. Let us understand the history and the science which started the atomic age.



The story is one of genius and dishonesty. Lise Meitner's extraordinary relationships raise questions of loyalty and betrayal. Fear, injustice, discrimination, and misogyny are parts of the story of the young Viennese woman, Lise Meitner, for whom the study of physics was the battle for ultimate truth about our universe ... and ultimately about ourselves.



**LISE MEITNER**  
1878 – 1968

We will encounter Lise's colleagues Hahn, Strassman, Bohr, Frisch, Fermi, Planck, Curie, and Einstein. David will slowly and carefully peel away the shells of the atom for us and explain in layman's terms the awesome, frightening nuclear chemistry which IS the nuclear age.



**PLEASE REVIEW THE STATEMENT ON THE OTHER SIDE OF THIS FLYER REGARDING VACCINATION REQUIREMENTS.**

~~Preferred registration deadline\* - April 5, 2022~~

\*Early enrollment helps us with our planning; also, those who register by the preferred deadline will be given priority in case of over-enrollment.

**Enrollment form: *Discovery of Nuclear Fission***

Tuesday, April 12, 2022

**VISTAS members \$20; non-members \$30**

➤ **EITHER pay online** on our website by secure credit card through PayPal\*:  
<https://www.vistaslifelonglearning.org/current-courses>

\*Subject to a 3% processing fee

➤ **OR mail this form** and your check to: VISTAS Lifelong Learning, Inc.  
P.O. Box 23228, Santa Barbara CA 93121

Number of persons \_\_\_\_\_ \$ \_\_\_\_\_ Check # \_\_\_\_\_

Name(s): \_\_\_\_\_

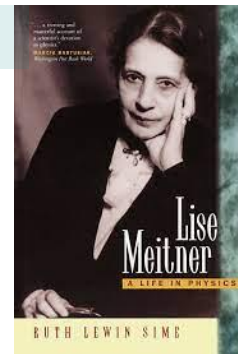
Phone: \_\_\_\_\_ Email: \_\_\_\_\_

*It is understood that attendance is limited to those who are fully vaccinated against Covid-19.*

Suggested reading for this class: *Lise Meitner: A Life in Physics*, by Ruth Lewin Sime



David Bisno, M.D., having recently engaged us with Supreme Court issues (“God Save This Honorable Court,” VISTAS, Feb.–March) and announcing that he was considering retiring from lifelong learning, tried that for 2 ½ weeks ... and failed. Responding to the worldwide concern that Vladimir Putin could endanger all of us with nuclear weapons should he invade one or more of the three tiny Baltic nations, David has offered to put aside his Con Law and help us understand one terribly important—and terrifying—story within another of his fascinations, the history of science.



### IMPORTANT COVID-19 POLICY

The health and safety of our attendees, as well as their entire families, are of utmost importance to us. **Accordingly, we are limiting attendance to those who are fully vaccinated.** Proof of vaccinations and boosters (digital Covid-19 Vaccination Card or a photo of your printed card) must be sent to Liz Linde via email ([vistas@vistaslifelonglearning.org](mailto:vistas@vistaslifelonglearning.org)) or text (805-967-6030). All participants may also be asked to show vaccination status on the first day of each course in case our records are incomplete. This needs to be done only once—your proof of vaccination will remain valid for all VISTAS events. Please note that applicable local mask mandates may apply to VISTAS in-person, indoor gatherings.

## VISTAS Calendar

**SUBJECT TO CHANGE; for up-to-date information, visit our website ([VistasLifelongLearning.org](http://VistasLifelongLearning.org)) frequently!**  
 Dates listed in red below are different from those listed in our printed Winter/Spring 2002 Course Catalog.

Course / Event	Date(s)	Time	Venue
Monday Nonfiction Book Club / Dawn McGrew	4th Monday monthly	1:30 pm	Via Zoom
Santa Barbara & Our Courthouse / David DeSelm	Fri. Jan. 21 and 28	10:00 am	Via Zoom
<i>Carmen</i> and Consequences / Simon Williams	<b>Thurs. Feb. 3, 10, 17, 24</b>	9:30 am	Music Academy of West
Civil Unrest in the 1960s / Robert Benham	<b>Mon. Feb. 7, 14, 21, 28, Mar. 7, 14</b>	9:30am	Bethany Congreg. Church
“Sounds Good! But Does It Work?” / P. Sokolove	<b>POSTPONED — updated dates and venue to come</b>		
God Save This Honorable Court / David Bisno	<b>SOLD OUT — ENROLLMENT CLOSED</b>		
Financial Mkts, Regs, Crises, Frauds / Peter Naylor	Tues. Feb. 22, March 1	9:30 am	Montecito Covenant Ch.
Van Gogh: Beyond the Myth (Lori Windsor Mohr)	Fri. Feb. 25, March 4	9:30 am	Bethany Congreg. Church
Shakespearean Comedies / Mark Rose	<b>Tues. March 8, 15, 22, 29</b>	9:30 am	Montecito Covenant Ch.
Short Story Discussion Group II / Denny Klos	<b>SOLD OUT — ENROLLMENT CLOSED</b>		
Constantine the Great / Daniel DeSelm	Fri. April 1	9:30 am	Bethany Congreg. Church
Demonic Violinists and Duels / Derek Katz	Wed. April 6, 13, 20	9:30 am	Music Academy of West
<b>Lise Meitner’s Discovery of Nuclear Fission</b>	<b>Tues. April 12</b>	<b>9:30 am</b>	<b>Music Academy of West</b>
Heroes & Rogues (4th Series) / Gerry Corrigan	Mon. April 18, 25, May 2	9:30 am	Montecito Covenant Ch.
Cole Porter / Bob Weinman	Tues. April 19 and 26	9:30 am	Via Zoom
Origins, Adventures in Amer. Ag. / Daniel Stone	Tues. May 3 and 10	9:30 am	Montecito Covenant Ch.
Frayed Amer. Social Safety Net / Ted Anagnoson	Wed. May 4, 11, 18, 25	1:00 pm	Bethany Congreg. Church
Mother–Daughter Relationship / Denny Klos	<b>Mon. May 9 and 16</b>	9:30 am	Montecito Covenant Ch.