

A Historical Portrait of the Timișoara 1935–1937 Cohort

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Abstract

Between 1935 and 1937, the Jewish community of Timișoara produced an unusually dense cluster of individuals who would later become leading figures in physics, engineering, medicine, agriculture, economics, and classical music. This article reconstructs the social, cultural, and historical conditions that shaped this cohort and examines how a small Central European community generated a global diaspora of scientific and cultural achievement.

Introduction

In the middle decades of the 20th century, the Jewish community of Timișoara — a multilingual, cosmopolitan city shaped by Austro-Hungarian traditions — produced a remarkable generation. Born between 1935 and 1937, many of these children grew up on the same streets, attended the same schools, and shared the same cultural environment. Within two decades, they would be scattered across Israel, the United States, Australia, and Western Europe, where they rose to prominence in demanding scientific and artistic fields.

This article offers a collective portrait of that generation. It is not a nostalgic catalogue of biographies, but an attempt to understand a sociological phenomenon: how a small, historically layered community created the conditions for such concentrated excellence.

Historical and Generational Context

The Grandparents: The Austro-Hungarian Legacy

The grandparents' generation embodied the values of the late Austro-Hungarian Empire: multilingualism, discipline, commercial skill, and social mobility. They worked primarily in trade, small business, and crafts, forming a stable economic base and a culturally rich environment.

The Parents: Industrialization, Education, and the Single-Child Pattern

Their children — the 1935–1937 cohort — moved decisively into industrial entrepreneurship and higher education. They founded factories, technical enterprises, and commercial networks. Education was not merely encouraged; it was the central strategy for security and advancement.

A crucial demographic feature shaped this generation: many families had only one child. Most children born between 1935 and 1937 grew up as only children. With the outbreak of World War II in 1939, many Jewish families were unable to expand their households. This pattern intensified parental investment, heightened expectations, and concentrated emotional and financial resources on a single educational trajectory. In a community where learning was already a core value, the single-child structure amplified the drive toward excellence.

This generation also endured the antisemitic policies of the Antonescu regime. Jewish men were sent to forced-labour camps within Romania, and rural Jewish families were uprooted and relocated to Timișoara. A smaller number were deported to Transnistria. Yet, unlike other regions of Romania, the Jewish community of the Banat survived the war largely intact, preserving its institutions, schools, and cultural life.

The 1935–1937 Generation: Formed by Upheaval, Driven by Necessity

Children born between 1935 and 1937 were between two and ten years old during the war — old enough to absorb fear, disruption, and instability, yet young enough to resume their education afterward. Their adolescence coincided with the tightening grip of the communist regime and the growing desire among Jewish families to emigrate.

Two pressures shaped their professional choices:

- the desire to avoid compulsory military service in communist Romania
- the need for a portable, internationally recognized profession

These incentives pushed the cohort toward rigorous scientific and technical fields. Romania's high educational standards, combined with strong family expectations, the single-child pattern, and a culturally rich environment, produced a generation unusually concentrated in high-level achievement.



Some of those mentioned below in this photo from 2008, Israel

Fields of Achievement

Physics and Mathematics

This cohort produced an extraordinary number of physicists and mathematicians:

Peter L. Hammer – Discrete mathematics and operations research, Rutgers University

Peter G. O. Freund – Theoretical physics and particle theory, University of Chicago

Anthony G. Klein – Experimental physics and neutron science, University of Melbourne

Reuven Ramaty (Reiter) – High-energy astrophysics, NASA Goddard; the RHESSI spacecraft was named in his honour

Naftali Kidron (Kaufteil) – Solid-state physics; PhD, Weizmann Institute

Engineering and Technology

Engineering became the dominant professional path, with careers spanning Israel, Europe, North America, and Australia:

Peter Wittenberg – Irrigation engineer; Tahal Ltd and World Bank

George Austerweil – Mechanical engineer; international career and work in Israel's food industry

Andrei Manor (Molnár) – Chemical engineer; Deputy Director, Eilat–Ashkelon Pipeline Company

Paul Perlstein – Chemical engineer; polymers and pesticide manufacturing; DSc, ETH Zürich

George Klein – Chemical engineer; industrial processes in pesticide production

Haim Gilat (Goldstein) PhD – Nuclear research engineer, Soreq Nuclear Research Center

George Rosenberg – Senior electrical engineer; Israel Electric Corporation

Alexander Günsberger – Electrical engineer; part of the Romanian-trained engineering wave that strengthened Israel's electrical infrastructure; international chess master

Viktor Galambos – Hydraulic machines and piping engineer, Haifa

Frederic Grosz – Mechanical engineer; farm-machinery research at the Volcani Center

Tomi Werner – Construction engineer, United States

Harry Breitman – Mechanical engineer, Haifa

Stefan Kotzander – Chemical engineer, Australia

Fred Erdös – Mechanical engineer

Eliyahu Greenberg PhD – Integrated scientific engineering with rural and urban development in Israel

George Bloch – Electrical engineer

Alon Gal (Weiss) PhD-Chemical Engineer, Israel

Yudit Borgida-Kecskeméti – Mechanical engineer, Canada

Tibi Rosenzweig – Chemical engineer, Haifa distilleries

Ditta Varsányi-Rosenzweig – Chemical engineer

Gheorghe Székely – chemical engineer, Romania

Medicine

A significant number became physicians — surgeons, radiologists, paediatricians, psychiatrists, and specialists in internal medicine and urology:

Ivan Schreier – Orthopedic surgeon, Israel

Peter Schreier – Gynecologist/obstetrician, Israel

Ervin Benedek – General surgeon, Romania

Gerda Haber-Szabó – Psychiatrist, Haifa

Eva Deutsch-Kidron – Physician, Haifa

Micky Schön – Paediatrician, United States

Yitzhak Gersch – Urologist, Rambam Hospital, Haifa

Zeno Feldman – General practitioner; head of the Ministry of Health, Petach Tikva district

Reuven (Tommy) Pfefferman – Surgeon; professor and department director, Kaplan Hospital, Rehovot

Peter Rath – Diagnostic radiologist and internal-medicine specialist, Israel

Richi Ritter-Kohn – Paediatrician, Haifa

Agricultural Extension and Research

Several members became leaders in irrigation, fertilization, and crop protection:

Reuben Auscher – Deputy Director, Israel Extension Service; crop-protection specialist

Gideon Spieler – Irrigation and fertilization specialist, Israel

Eliezer Mezei – Irrigation and fertilization specialist, Israel

Economics and Public Service

Micha Harish (Hirsch) – Economist and political scientist; Minister of Industry and Trade (1992–1996), Government of Israel

Ivan Grosz – Economist; economic analysis and public policy, United States

Music and High Culture

Despite the strong tilt toward science and engineering, the cohort also produced major cultural figures:

Acél Ervin – Conductor and pedagogue; international career in Romania, Hungary, and Austria

Alexander Tal (Deutel) – Concertmaster of the Israel Philharmonic Orchestra and the Hilversum Radio Orchestra

Yehuda Yannay (Illés) – Composer, conductor, and music professor; University of Wisconsin

Ioan Holender – Director of the Vienna State Opera (1992–2010)

Yardeni (Jakobovits) Myriam – historian. Professor at Haifa University, Israel Prize

Ferdinand Weiss – pianist, Romania

Toma Hirth – painter, Romania

Fields Not Represented

Equally striking are the professions in which this generation produced almost no representatives:

- law
- journalism
- literature
- sociology
- architecture
- pharmacy

The absence of these fields underscores the cohort's overwhelming orientation toward science, engineering, and medicine — a pattern shaped by historical pressures, pragmatic considerations, and the single-child family structure.

Conclusion

From a few streets and schools in Timișoara emerged world-class scientists, engineers, physicians, agricultural innovators, economists, musicians, a government minister, and a legendary opera director. Their achievements were not accidental. They were the product of a unique cultural ecosystem: Austro-Hungarian discipline, interwar cosmopolitanism, postwar political pressures, excellent educators, the single-child family pattern, and families for whom learning was both identity and survival strategy.

The 1935–1937 cohort stands as a testament to how a small, historically layered community can generate global impact — and how the forces of history can shape not only individual destinies but entire professional landscapes.

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